



**BLUE LAKE
CHEMICAL**
CHEMICAL



BLUE LAKE

Textile Auxiliaries

Over 20 years in textile dyeing and finishing industry



ZHONGSHENG
钟氏

SINCE 1996

Guangdong Innovative Fine Chemical Co., Ltd.

ENTERPRISE BRIEF INTRODUCTION

BLUELAKECHEM[®] is the sub-brand of Guangdong Innovative Fine Chemical Co., Ltd. which was founded in 1996. With 27 years experience in textile industry, it now has > 500 models textile auxiliary chemicals include pretreatment, dyeing and finishing application.

BLUELAKECHEM[®] is committed to providing eco-friendly, high-efficient and high cost-effective products to customers. It combine the global market demand, carefully selected from the Guangdong Innovative Fine Chemical mature products.

Guangdong Innovative Fine Chemical Co., Ltd. owns two chemical production bases, also set up office, lab and warehouse in more than four cities in China. Technical teams mainly specialize in surfactant, silicone softener and special finishing agent areas, also cooperate with government project CCELAB for long term textile chemical development. The production bases are located in the famous knitting town of China, as Liangying Town, Shantou City, Guangdong Province. Production annual output over 80,000 tons and it has already become one of the biggest textile auxiliary suppliers in China.



OBTAINED CERTIFICATION

High-tech
Innovative
Environmentally-friendly



OEKO-TEX® | Ø ZDHC

CERTIFICATE
Quality Management Systems Certificate

Certificate Number: 00220Q01136R1M
CQM hereby certifies that
Guangdong Innovative Fine Chemical Co., Ltd.

United States Code Code: 91485147000327
Outside East of Group Service, Suite 3001, Longgang, Chuanhai District, Shenzhen City, Guangdong, P.R. China

and other sites has implemented and maintains a Quality Management System which fulfills the requirements of the following standards
GB/T 19001-2016/ISO 9001:2015
Quality management systems—Requirements

This certificate is valid to the following product(s)/service:
Research, development and production of auxiliary for textile dyeing, sales of auxiliary for textile dyeing, surface active agent for textile dyeing, clearing agent for textile dyeing.

For the each site and certification scope to the attachment

Issued on: 2020-01-07
Effective date: 2020-01-07
Validity date: 2023-01-21
Registration Number: CQM-44-2016-0188-0001

The validity of the certificate can be checked on www.cqm.com.cn, www.cqm.com.cn/eng and CQM website

Ji Xie Dong
Ji Xie Dong
Manager

China Quality Mark Certification Group

证书号 2639284号

发明专利证书

发明名称: 一种用于纺织品的漂染剂、制备方法及其应用

发明人: 周向东、黄斌、钟桂林

专利号: ZL 2015 1 0089722.3

专利申请日: 2015年02月27日

专利权人: 广东创新精细化工有限公司

授权公告日: 2017年09月26日

本发明专利经中华人民共和国国家知识产权局审查, 决定授予专利权, 颁发发明专利证书并予以公告, 专利权自公告之日起生效。
本专利的专利权期限为二十年, 自申请日起算, 专利权人应当依照专利法及实施细则的相关规定缴纳年费, 本专利的年费应当在每年02月27日前缴纳, 未按规定缴纳年费的, 专利权自应当缴纳年费期限之日起终止。
专利权人应当依法缴纳专利权的转让、质押、无效、终止、恢复和专利权人的姓名或者名称、国籍、地址变更等费用并在专利登记簿上。

局长 申长雨
申长雨

ChemCheck Summary Report

Formulator Name: Shantou Blue Lake New Material Co., Ltd.
Address: West of Floor 8, Lianhai Building, Huangshan Road, Longhu District, 550041 Shantou, Guangdong, China

ZDHC ID: 431346E
Report Date: 24.05.2024 to 04.11.2024 (Final Report)
Report Expiration Date: 04.11.2024

Contact: Supriya Wani
Email Address: gshantou@shantou.com

Shantou Blue Lake New Material Co., Ltd. Overview

This ChemCheck Summary Report provides an overview of the formulator's public products on the ZDHC Gateway. The formulator has a total of 13 products uploaded and published on the ZDHC Gateway. Find the distribution of these products across the different Chemicals to Zero - Levels and ZDHC MRSL Conformance Levels below. Please note that the Chemicals to Zero - Level is rated based on the available ZDHC MRSL Conformance coefficients updated on the ZDHC Gateway. Find more about Chemicals to Zero [here](https://www.zdchc.com).

Chemicals to Zero Conformance Levels

Foundational: The Chemicals to Zero Foundational Level considers chemical products that meet the requirements of ZDHC MRSL Level 1 or 2 as described in the ZDHC MRSL Conformance Guidance.	0.00% Foundational
Progressive: The Chemicals to Zero Progressive Level considers chemical products that meet the requirements of ZDHC MRSL Level 2 (at least) or Level 3 and are expected to respect the AFIRM RSL limits in articles, when applied accordingly to the chemical formulators instructions.	100% Progressive
Expired: Products that have expired from a Chemicals to Zero - Level as a consequence of an expired ZDHC MRSL Conformance Levels.	0.00% Expired

Breakdown Chemicals to Zero - Levels

Find below the breakdown of all published ZDHC MRSL conformant chemical products into the Chemicals to Zero - Levels.

Chemicals to Zero Conformance Level	Count
Foundational	0
Progressive	13
Expired	0
Total number of products	13

ChemCheck Summary Report

Breakdown ZDHC MRSL Conformance Levels

The graph below shows the ZDHC MRSL Conformance Level distribution of all published products under ZDHC MRSL v3.1. Please note that these products are rated as either Chemicals to Zero - Foundational or Chemicals to Zero - Progressive.

0 EXPIRED
0 ZDHC MRSL LEVEL 1
0 ZDHC MRSL LEVEL 2
13 ZDHC MRSL LEVEL 3

Total Published Products: 13

ZDHC MRSL v3.1

- ★ Level 1: Document review of SDS for information relevant to ZDHC MRSL v3.1 and testing of the formulation which includes screening and analytical testing or only analytical testing.
- ★★ Level 2: Onsite assessment of management systems plus evidence that ZDHC MRSL v3.1 Level 1 principles of analytical evaluation for ZDHC MRSL conformance are fulfilled.
- ★★★ Level 3: Chemical hazard assessment capability plus evidence that ZDHC MRSL v3.1 Level 1 and ZDHC MRSL v3.1 Level 2 principles for ZDHC MRSL conformance are fulfilled.

Expired: Products that have expired from ZDHC MRSL v3.1 conformance.

Shantou Blue Lake New Material Co., Ltd.
West of Floor 8, Lianhai Building, Huangshan Road, Longhu District, 550041 Shantou, Guangdong, China

TESTEX AG, Swiss Textile Testing Institute
Guthriehofstrasse 61, 8002 Zurich, Switzerland

OEKO-TEX®

Certificate
OEKO-TEX® ECO PASSPORT

Shantou Blue Lake New Material Co., Ltd.
is granted the OEKO-TEX® ECO PASSPORT certification and the right to use the trademark.

TYPE: ECO PASSPORT with On-Site Visit

PRODUCTS: See attached enclosure

PRODUCT CATEGORY: Multiple

This certificate SH150 22772.1 is valid until 31.10.2024.

SUPPORTING DOCUMENTS:
✓ Test Report Number: SH150 22772.1
✓ Declaration of conformity in accordance with EN ISO 17050-1 as required by OEKO-TEX®
✓ Base certificate(s) of chemical manufacturer(s)
✓ On-Site Visit Report

Mati Bachmann
Managing Director

Dr. Sonja Isaza
Laboratory Manager

Zürich, 2023-10-18

Shantou Blue Lake New Material Co., Ltd.
West of Floor 8, Lianhai Building, Huangshan Road, Longhu District, 550041 Shantou, Guangdong, China

TESTEX AG, Swiss Textile Testing Institute
Guthriehofstrasse 61, 8002 Zurich, Switzerland

OEKO-TEX®

Enclosure

TYPE: ECO PASSPORT with On-Site Visit

CERTIFICATE NUMBER: SH150 22772.0

TEST REPORT NUMBER: SH150 22772.1

Certified Products

No.	Product Name	Trade Name	Restriction(s) ¹⁾	ZDHC LEVEL	Product Category
1	BLUELAKECHEM® DEGREASING 12D		none	Level 3	3.5 Technical auxiliaries for multipurpose use
2	BLUELAKECHEM® DYEING 21D		none	Level 3	3.5 Technical auxiliaries for multipurpose use
3	BLUELAKECHEM® DYEING 23D		none	Level 3	3.5 Technical auxiliaries for multipurpose use
4	BLUELAKECHEM® FIXING 20F		none	Level 3	3.5 Technical auxiliaries for multipurpose use
5	BLUELAKECHEM® LEVELING 22L		none	Level 3	3.5 Technical auxiliaries for multipurpose use
6	BLUELAKECHEM® SCOURING 13S		none	Level 3	3.5 Technical auxiliaries for multipurpose use
7	BLUELAKECHEM® WETTING 11W		none	Level 3	3.5 Technical auxiliaries for multipurpose use

¹⁾Restriction(s): The parameter(s) mentioned under Restriction(s) have to be checked on the treated textile for compliance with the regulations of OEKO-TEX® STANDARD 100 / OEKO-TEX® LEATHER STANDARD.

Shantou Blue Lake New Material Co., Ltd.
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OEKO-TEX®

Certificate
OEKO-TEX® ECO PASSPORT

Shantou Blue Lake New Material Co., Ltd.
is granted the OEKO-TEX® ECO PASSPORT certification and the right to use the trademark.

TYPE: ECO PASSPORT with On-Site Visit

PRODUCTS: See attached enclosure

PRODUCT CATEGORY: 3.1 Finishing agents

This certificate SH150 22772.1 is valid until 31.10.2024.

SUPPORTING DOCUMENTS:
✓ Test Report Number: SH150 22772.1
✓ Declaration of conformity in accordance with EN ISO 17050-1 as required by OEKO-TEX®
✓ Base certificate(s) of chemical manufacturer(s)
✓ On-Site Visit Report

Mati Bachmann
Managing Director

Dr. Sonja Isaza
Laboratory Manager

Zürich, 2023-10-18

Shantou Blue Lake New Material Co., Ltd.
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TESTEX AG, Swiss Textile Testing Institute
Guthriehofstrasse 61, 8002 Zurich, Switzerland

OEKO-TEX®

Enclosure

TYPE: ECO PASSPORT with On-Site Visit

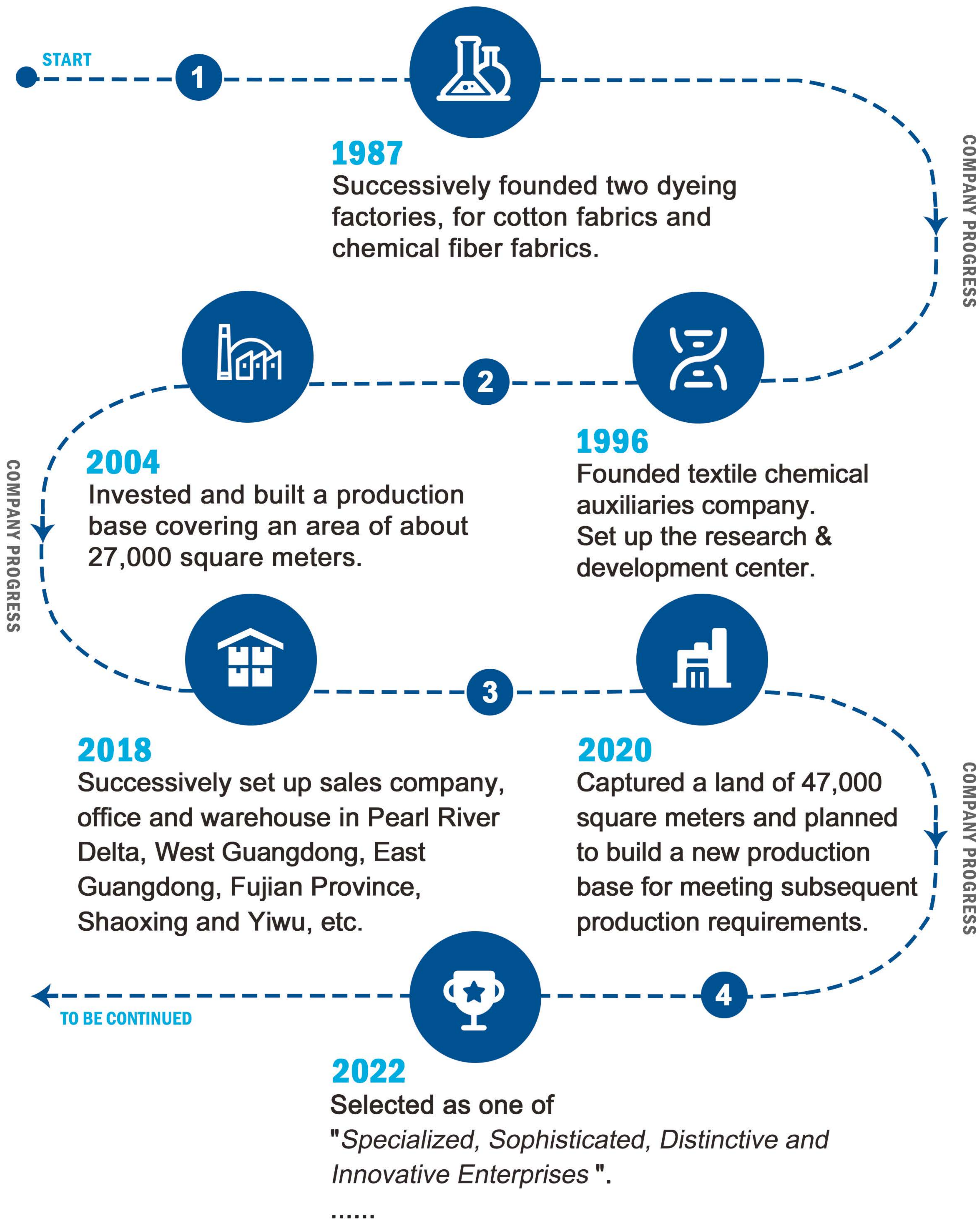
CERTIFICATE NUMBER: SH150 22772.2

TEST REPORT NUMBER: SH150 22772.1

Certified Products

No.	Product Name	Trade Name	Restriction(s) ¹⁾	ZDHC LEVEL	Product Category
1	BLUELAKECHEM® FINISHING 44F		none	Level 3	3.1 Finishing agents
2	BLUELAKECHEM® OT HC		none	Level 3	3.1 Finishing agents
3	BLUELAKECHEM® SOFT 61S		none	Level 3	3.1 Finishing agents
4	BLUELAKECHEM® SOFT 71S		none	Level 3	3.1 Finishing agents
5	BLUELAKECHEM® SOFT 72S		none	Level 3	3.1 Finishing agents
6	BLUELAKECHEM® SOFT 88S		none	Level 3	3.1 Finishing agents

¹⁾Restriction(s): The parameter(s) mentioned under Restriction(s) have to be checked on the treated textile for compliance with the regulations of OEKO-TEX® STANDARD 100 / OEKO-TEX® LEATHER STANDARD.



COOPERATION PROCESS

Research & Development, Manufacturing, Sales, Service for textile auxiliaries
Committed to textile dyeing and finishing industry for more than 20 years

STEP

01

Develop new products according to requirements.



Provide samples to customers for testing.

STEP

02

STEP

03

Have pilot production and mass production.



Apply to dyeing and finishing production.

STEP

04

CUSTOMIZATION

We can provide customized products to customers. Welcome to send us your sample. We will research, match and develop it for you.

 **Highly appreciate if you can share samples with us.**

**1. Fabric sample : Please send us two fabrics
(one is untreated and one is of your target effect.)**

2. Chemical sample for reference.

**Please advise your requirements as detailed as possible.
With 20+ years of industry experience, we will try our
best to provide you suitable item product.**

Overseas samples receiving address:

 **Address : Floor 8, Lechao Building, Huangshan Road,
Longhu District, Shantou City, Guangdong
Province, China**

 **Postcode : 515057**

 **Receiver : Stephen Wei**

 **Phone : +86-15766227459**

 **Email : stephen@gdcxchem.com**

Scouring and Degreasing agent

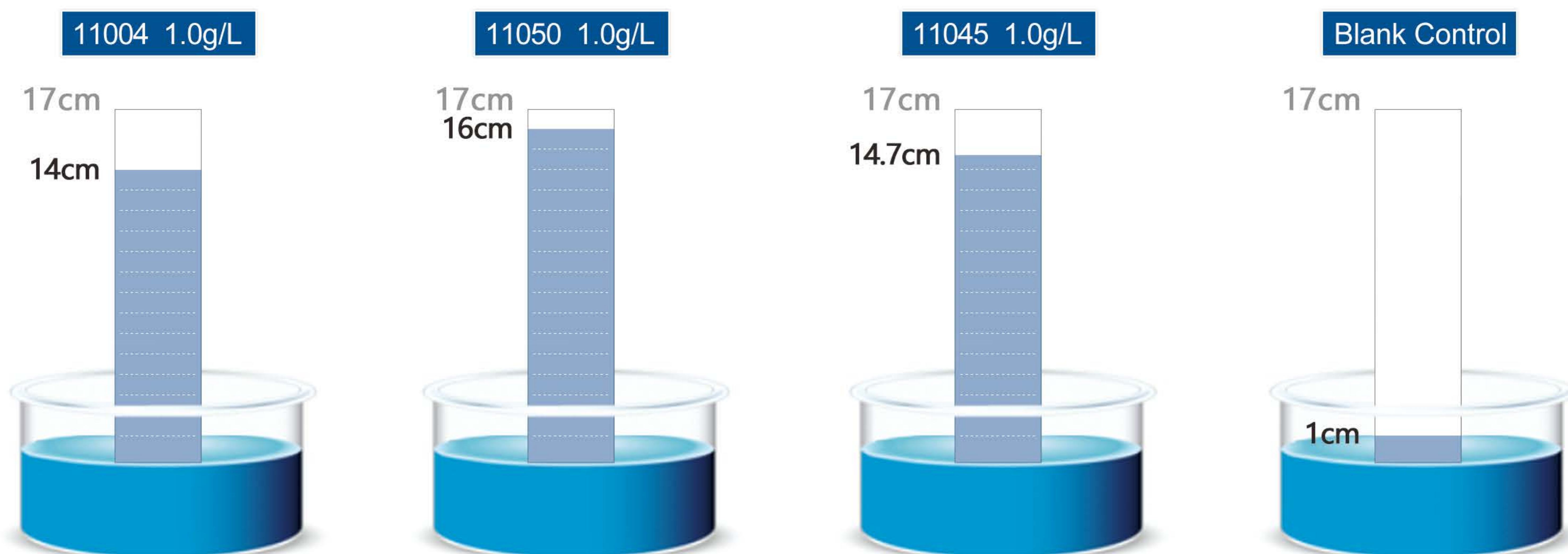
Model	Application	Solid Content	Foaming
11004	Scouring, Degreasing, Wetting	≥80%	Yes
11050	Scouring, Degreasing	≥45%	Low
11045	Scouring, Degreasing, Wetting	≥45%	No
11007	Degreasing & Dyeing One Bath, Polyester	≥30%	Low
10072	Degreasing, Nylon	≥32%	Low

Degreasing: Na₂CO₃ 1g/L +Auxiliary 98°C 30min

11004 1.0g/L	11050 1.0g/L	11045 1.0g/L	Blank Control
			

Scouring: H₂O₂ 6g/L + NaOH 1g/L +Auxiliary 98°C 60min

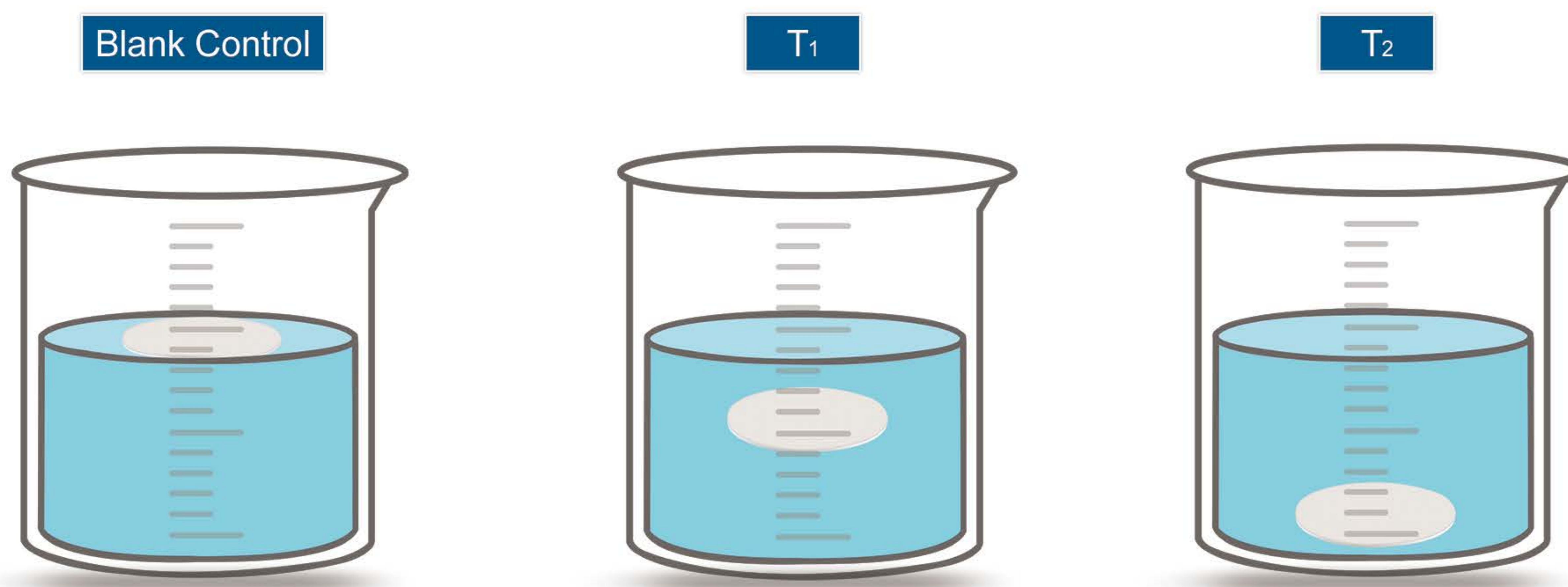
Capillary effect:



Pretreatment Auxiliaries

Wetting Agent

Model	Application	Solid Content	Foaming
11004	Scouring, Degreasing, Wetting	≥80%	Yes
11060	Wetting	≥52%	Low
11026	Wetting	≥80%	No



Standard cotton piece: radius 3cm

Model	T ₁ (min/s)	T ₂ (min/s)
11004 2.5g/L	5"35	9"05
11060 2.5g/L	4"03	8"26
11026 2.5g/L	4"47	9"89
Blank control	4'15"41	4'18"52

*Manual watch cutting data.



Sequester Agent 11032

HEDP type, high chelating value for Ca^{2+} , Mg^{2+} , Fe^{2+} and Fe^{3+} , ωCa^{2+} about 520, high stability in pretreatment and dyeing process.



Phosphate-free Sequester Agent 11035

High dispersing effect and stability in different baths of pretreatment to dyeing process. High chelating ability for metal ions such as Fe^{2+} , Fe^{3+} , Mg^{2+} and Ca^{2+} , ωCa^{2+} about 280, etc.



Leveling Agent 22005

Apply in cotton and cotton blends dyeing process.
Improve the solution of direct dyes and reactive dyes.
Excellent chelating and dispersing effect on cotton impurities and metal ions in dyeing bath.



Leveling Powder 10069

Excellent dispersing and leveling effect for dyeing process of cotton and cotton blends dyed by reactive dyes and direct dyes.



Dyeing Carrier 22108

Use for polyester dyeing with disperse dyes, promote the dyeing rate and able to dye dark colors at normal pressure and low temperature.



Leveling Agent 23119

Leveling for disperse dyes dyeing in high temperature and high pressure rapid dyeing process for yarn and fabrics of polyester and its blends.



Dyes Dispersing Agent 45191

Excellent dispersing performance for reactive dyes, direct dyes, disperse dyes, acid dyes, etc. Improve the dyeing leveling effect.



Soaping Powder 23111

Apply in soaping process after dyeing. Effectively remove surface dyeing on fabrics. Excellent anti-back-staining effect. Improve the vivid color. Low foaming.



Moisture Wicking Hydrophilic Agent 45404

Can be used as hydrophilic finishing agent and moisture wicking agent for polyester and nylon fabrics.

Impart fabrics excellent fluffy handle and hydrophilicity.

Can be used as anti-static agent, bath softener and napping agent in different dosage.



Moisture Quick Drying Agent 44504

Apply in moisture quick drying and anti-static finishing process for polyester fabrics.

Impart fabrics excellent and durable hydrophilicity and very soft and fluffy hand feeling.

Improve anti-staining performance.



Bath Softener 32146

Apply in pretreatment to dyeing process for cotton fabrics.

Prevent fabric creasing or scratch.









Anti-Pilling Agent 33202

Improves the anti-pilling performance of various fabrics, impart fabric elasticity, Can be used together with fixing agent and silicone oil.

Fixing Agent





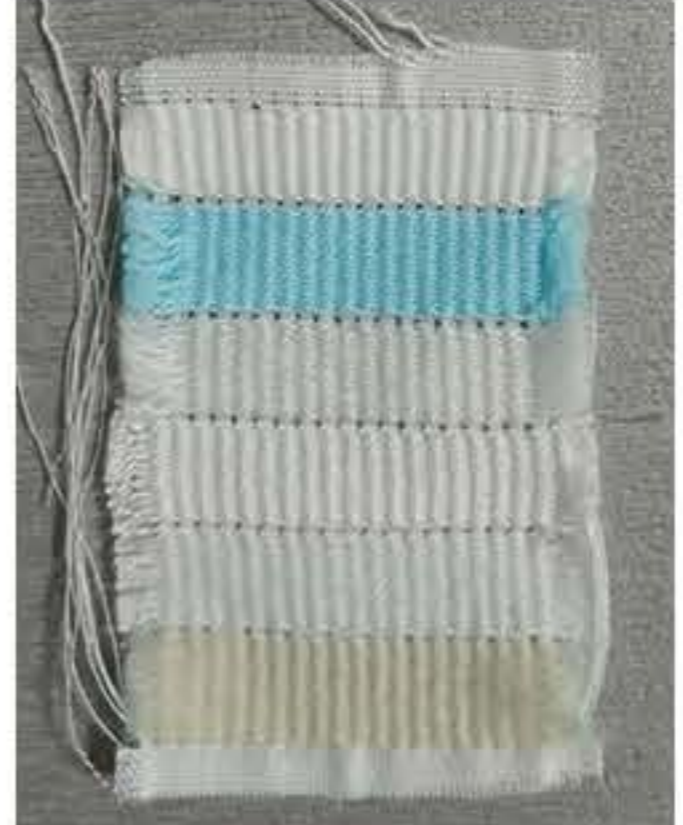

Fixing Agent 23121

Application Performance

	Blank	2% Fixing Agent
Influence on color shade		
Washing fastness (tint means higher fastness level)		
Staining fastness (tint means higher fastness level)		

High Concentration Fixing Agent 23183

Application Performance

	Blank	2% Fixing Agent
Influence on color shade		
Washing fastness (tint means higher fastness level)		
Staining fastness (tint means higher fastness level)		

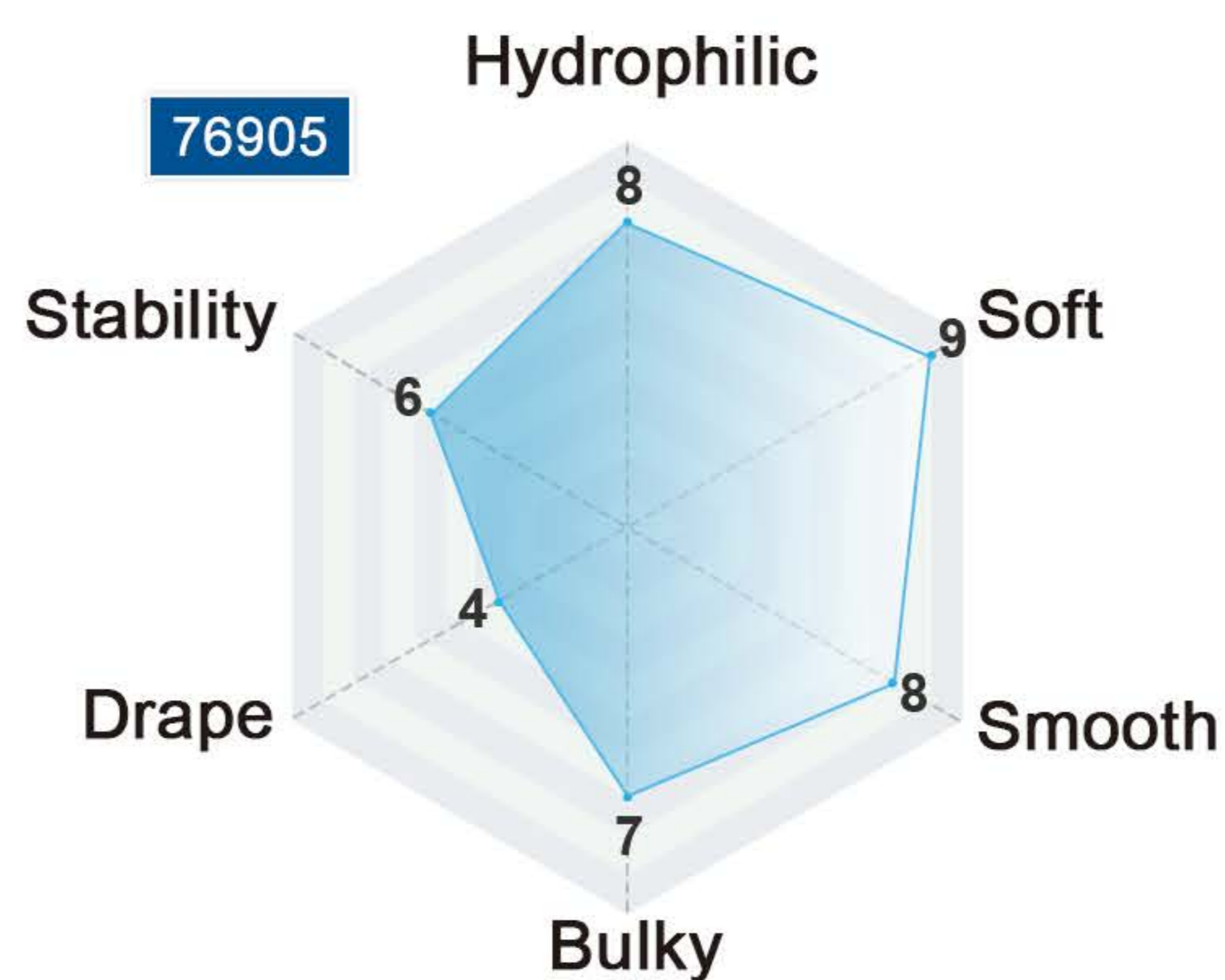
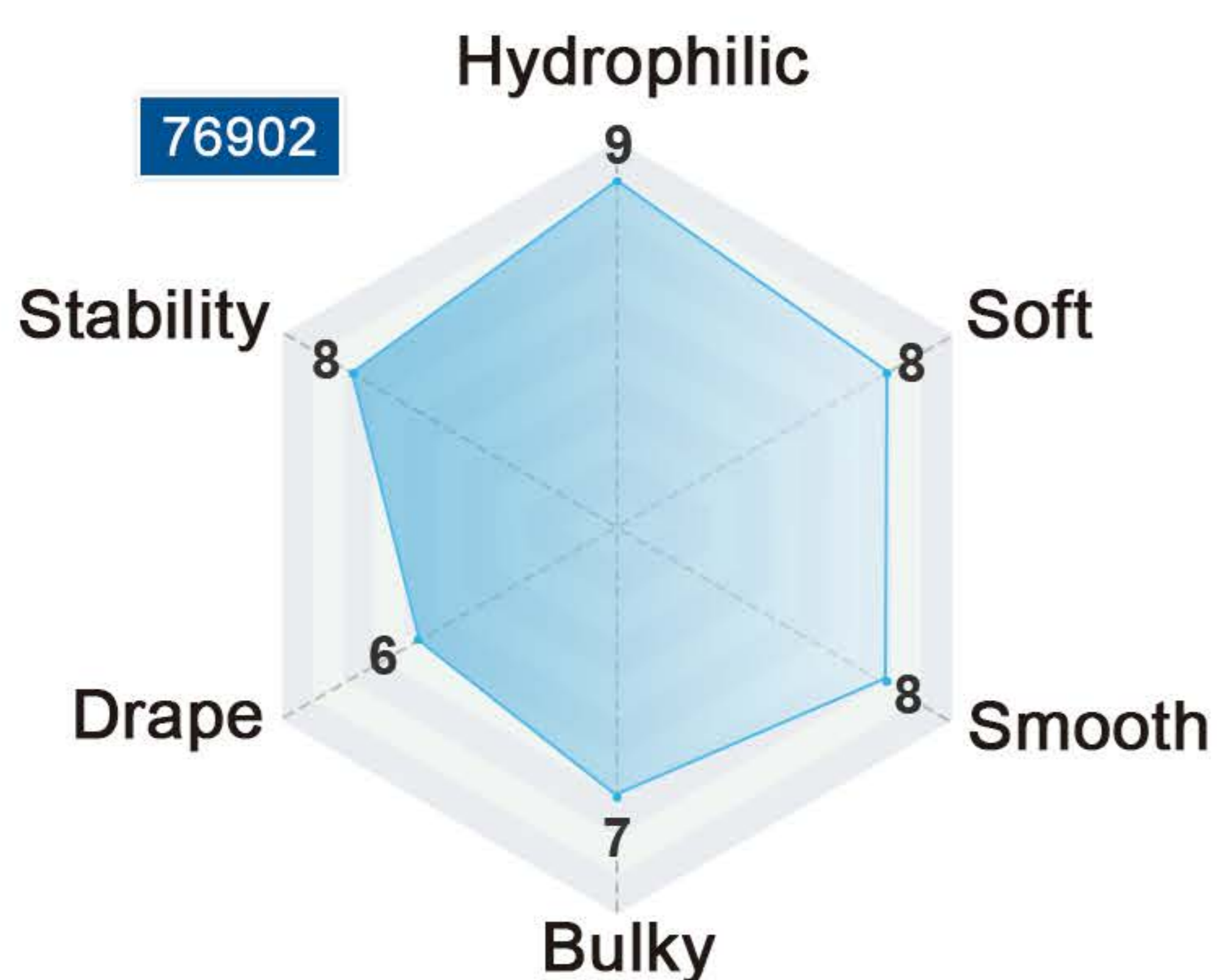
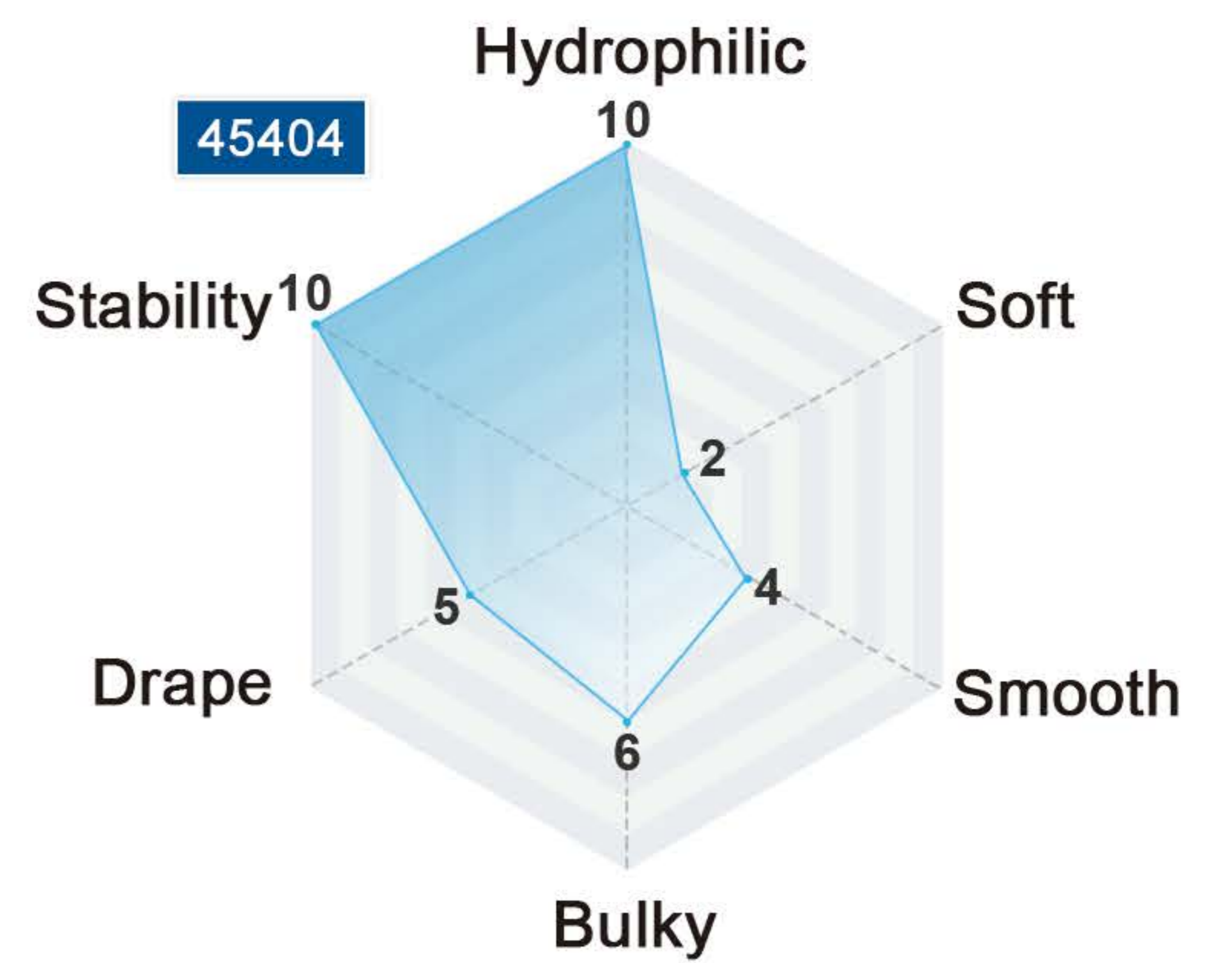
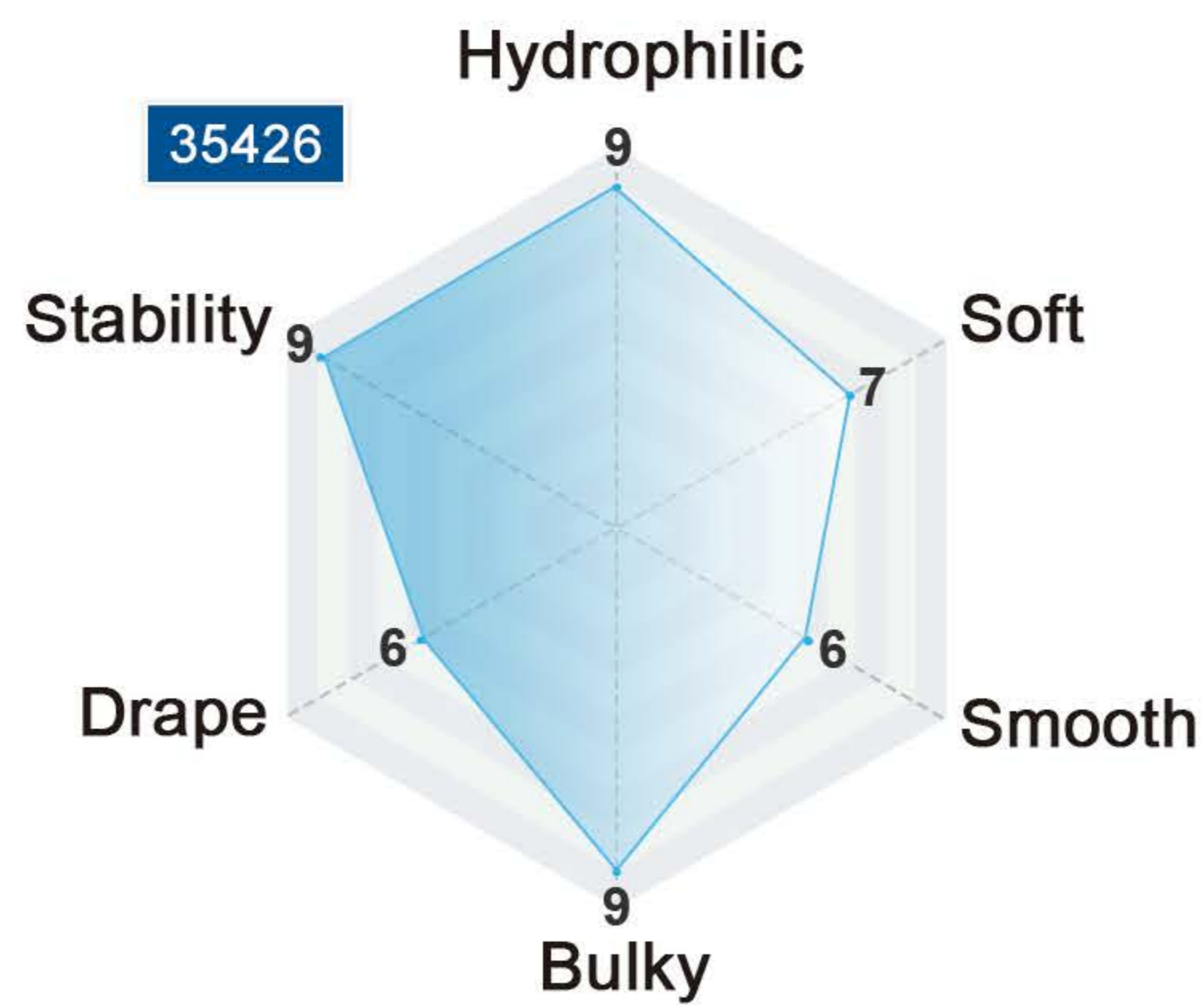
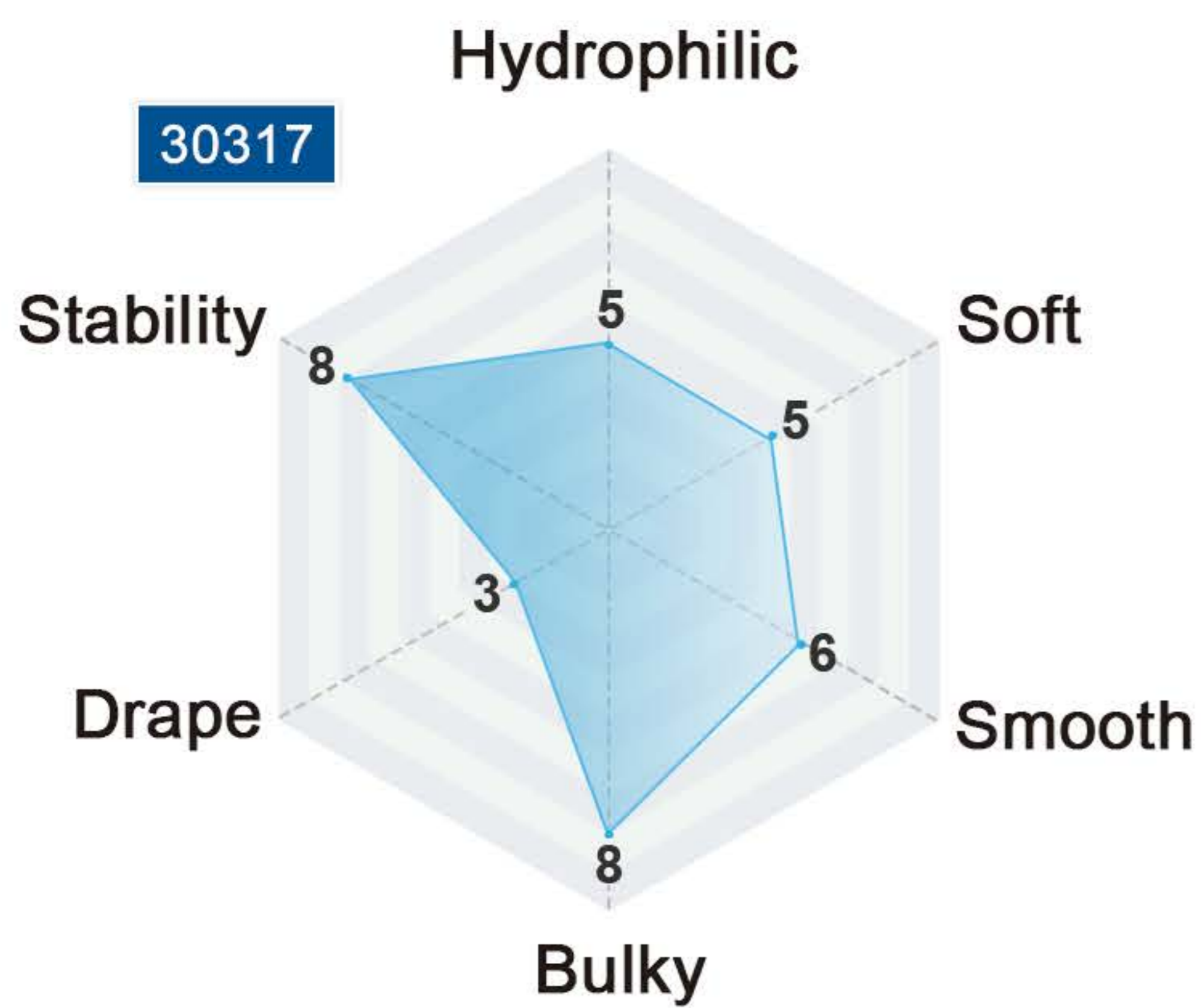
Fixing Agent 23014



Model	Application	Best performance on
23121	Cotton, direct and reactive dyes	Red, yellow and black series
23183	Cotton, direct and reactive dyes	Blue and green series
23014	Cotton, polyester, nylon, all dyes	All sensitive color
23031	Nylon, acid dyes	Bright color
23061	Nylon, acid dyes	Deep color

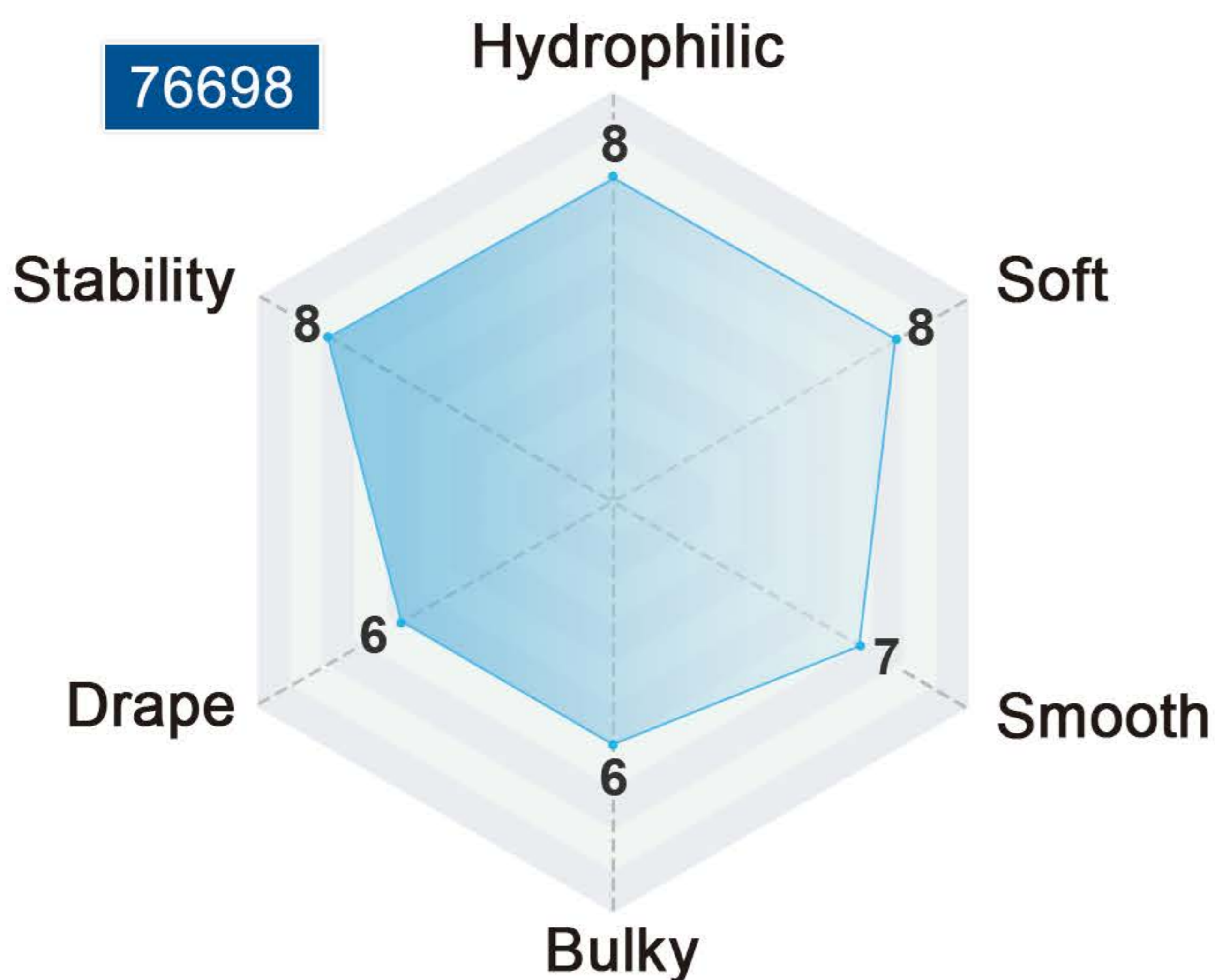
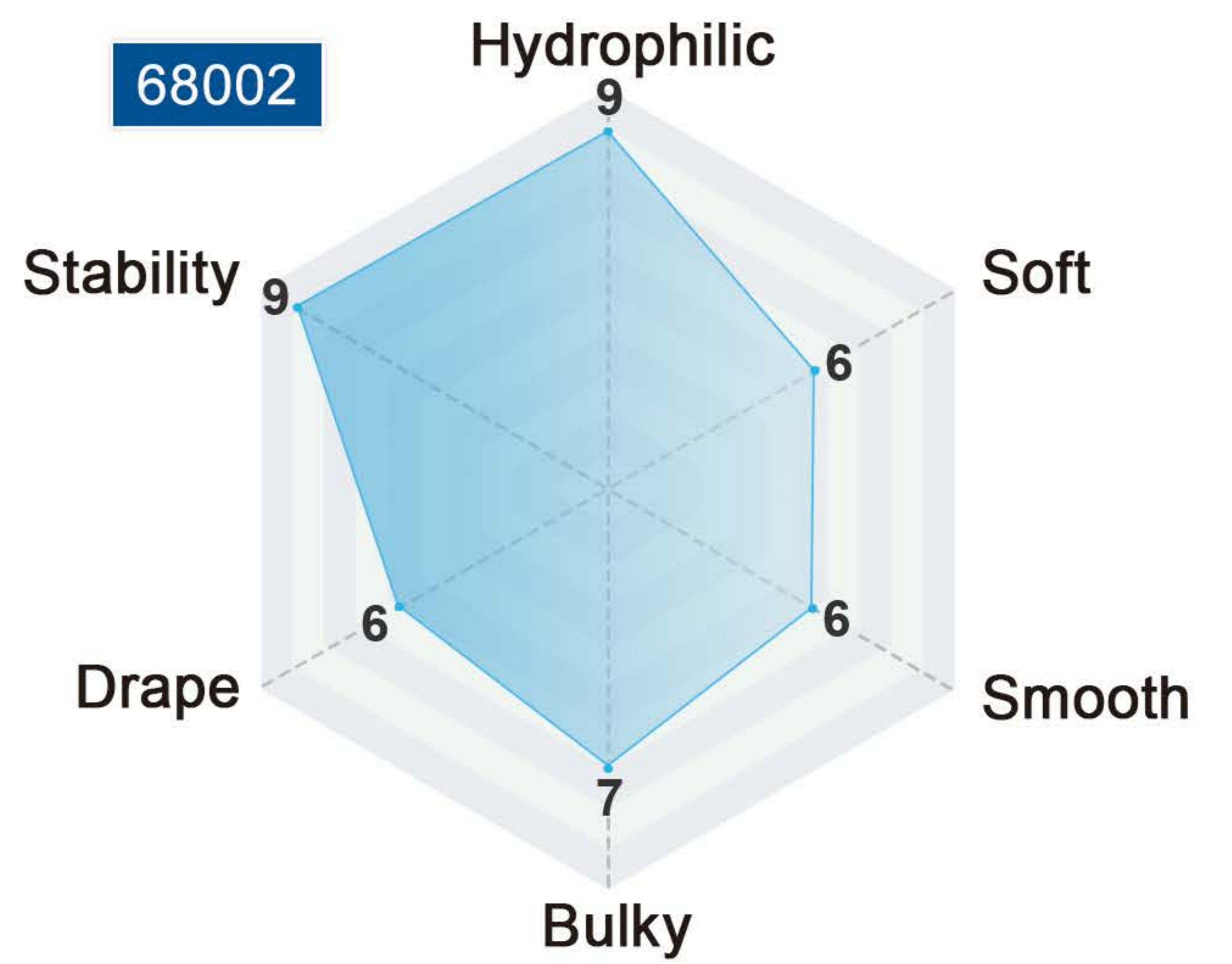
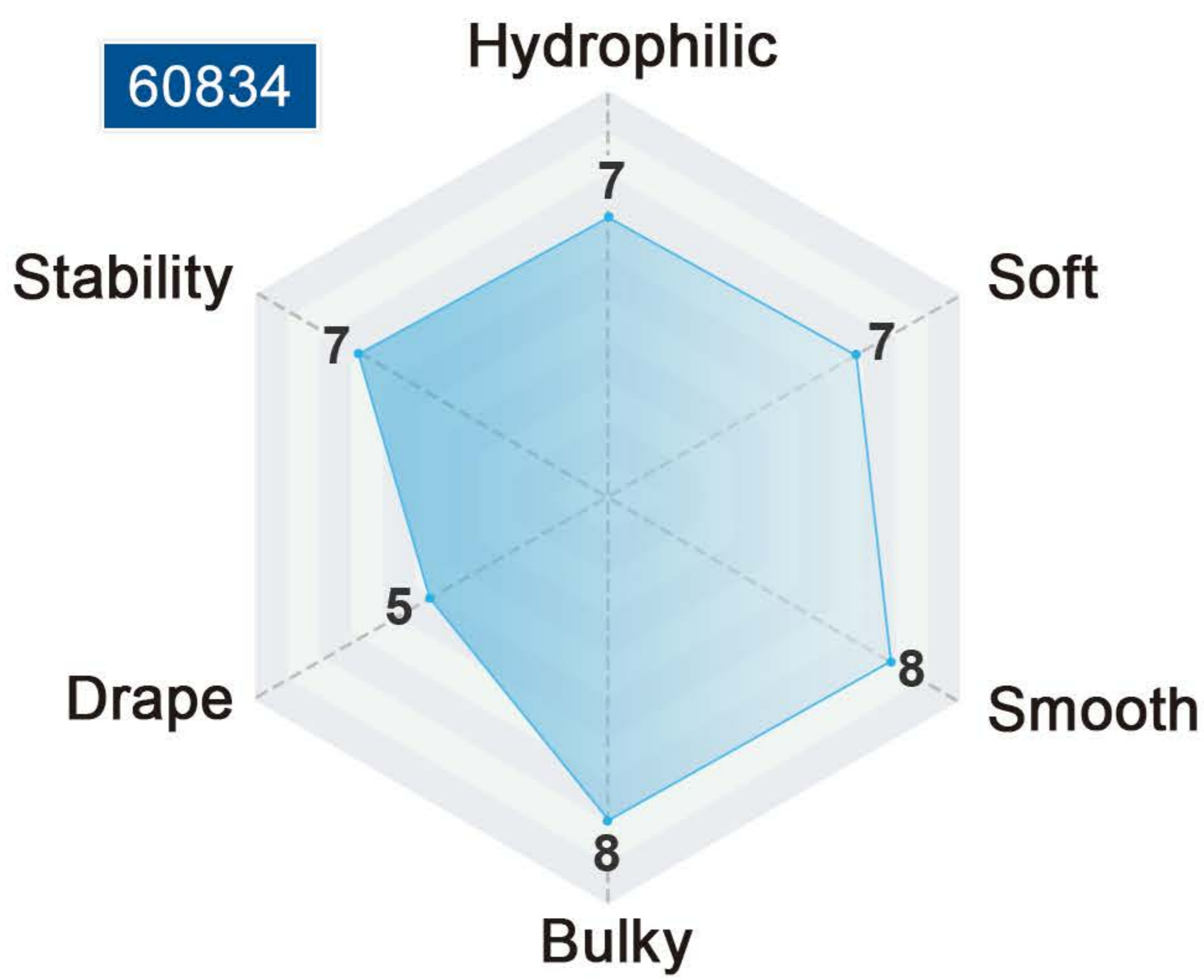
Hydrophilic Softener

Model	Application	Solid Content	Hydrophilic	Soft	Smooth	Bulky	Drape	Stability
30317	Synthetic	20%	5	5	6	8	3	8
35426	Cellulose	99%	9	7	6	9	6	9
45404	Blends	99%	10	2	4	6	5	10
76902	Cellulose	30%	9	8	8	7	6	8
76905	Synthetic	25%	8	9	8	7	4	6



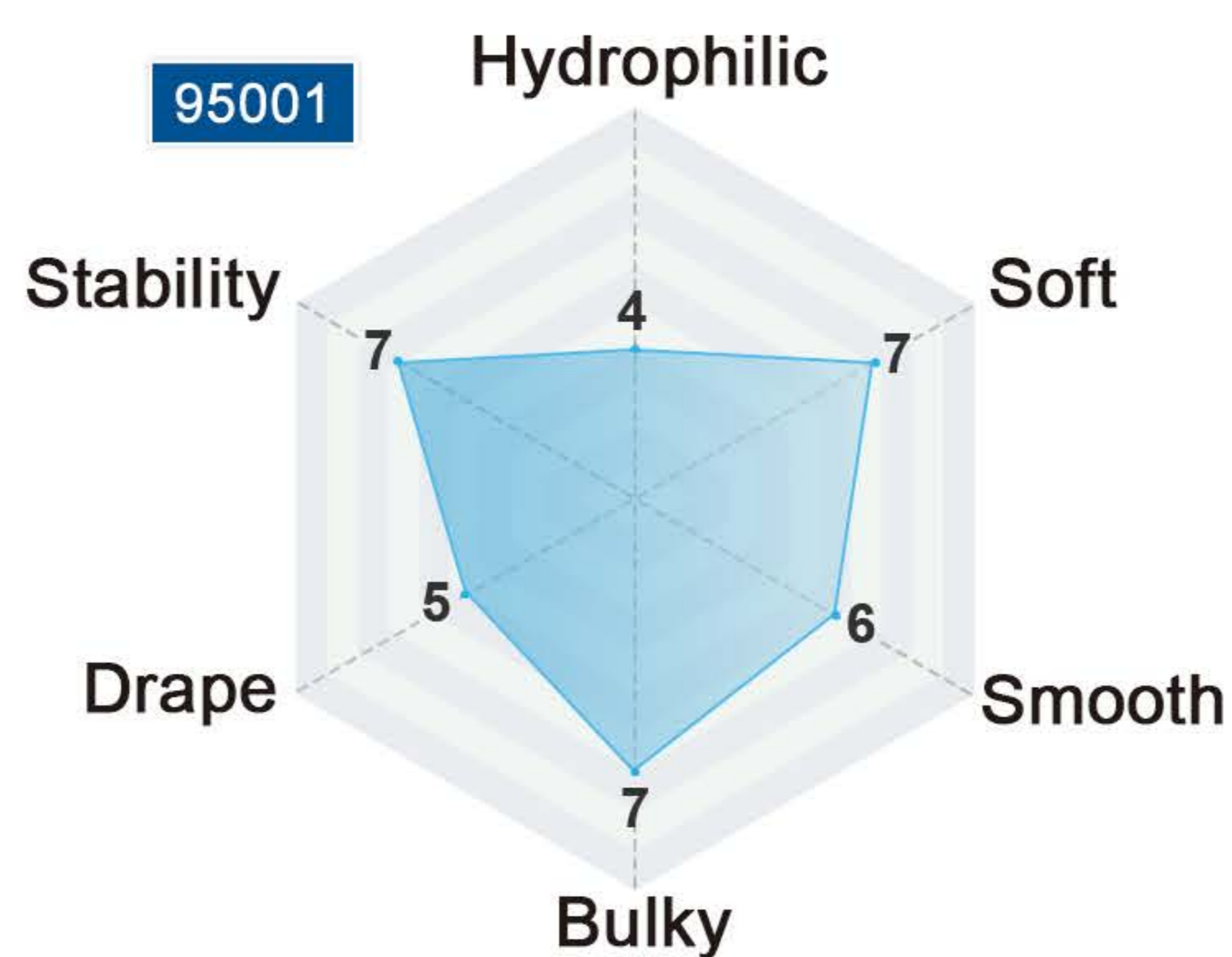
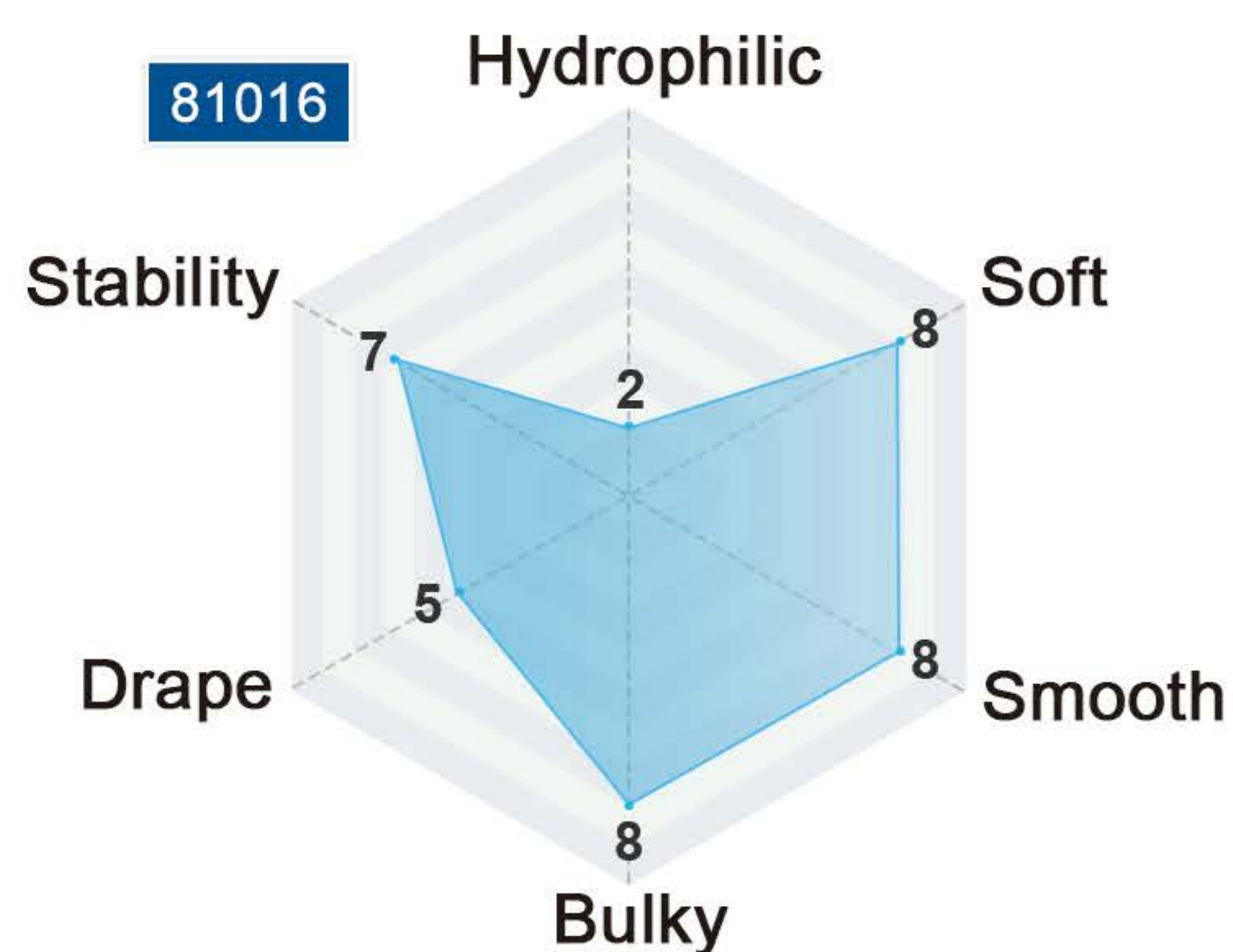
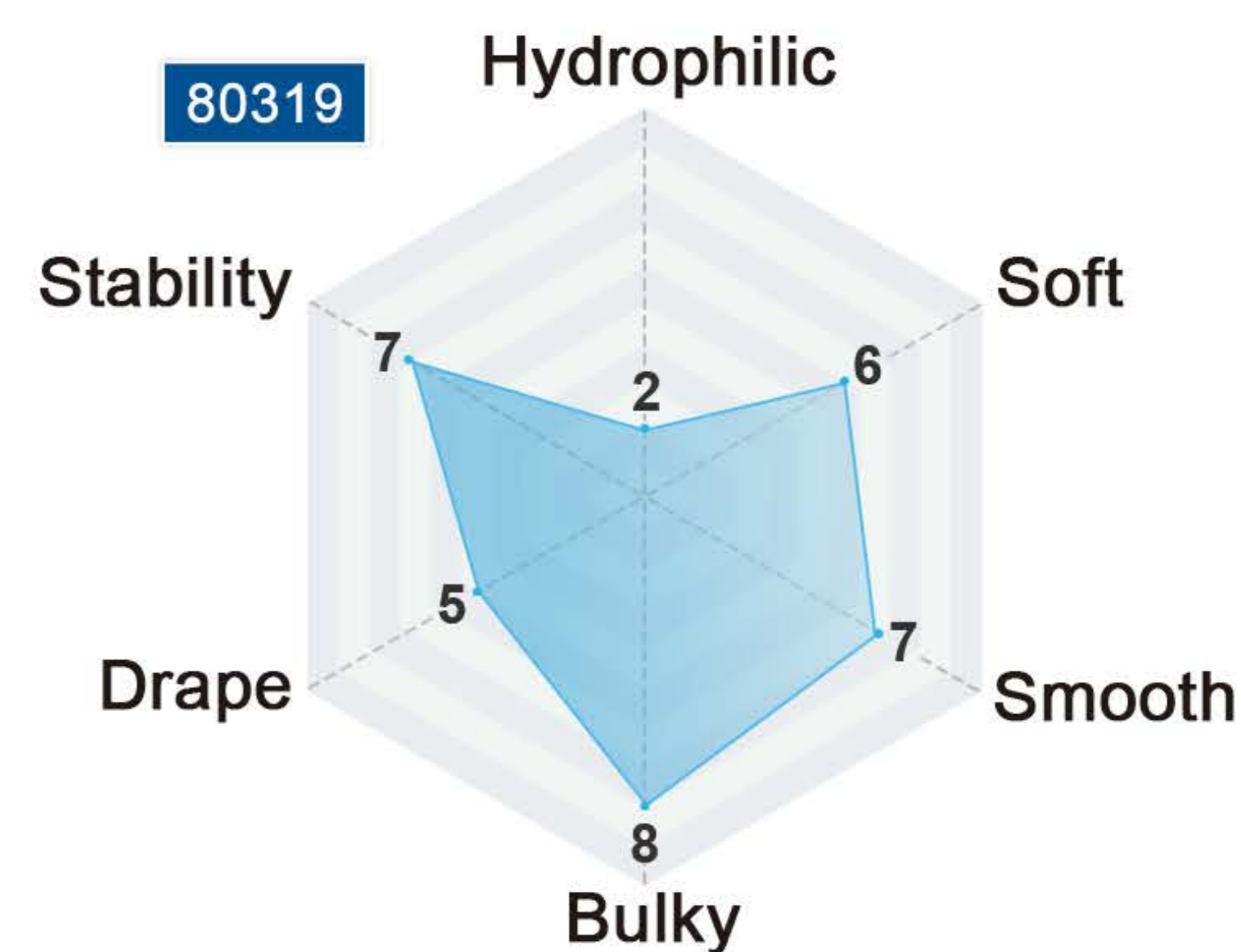
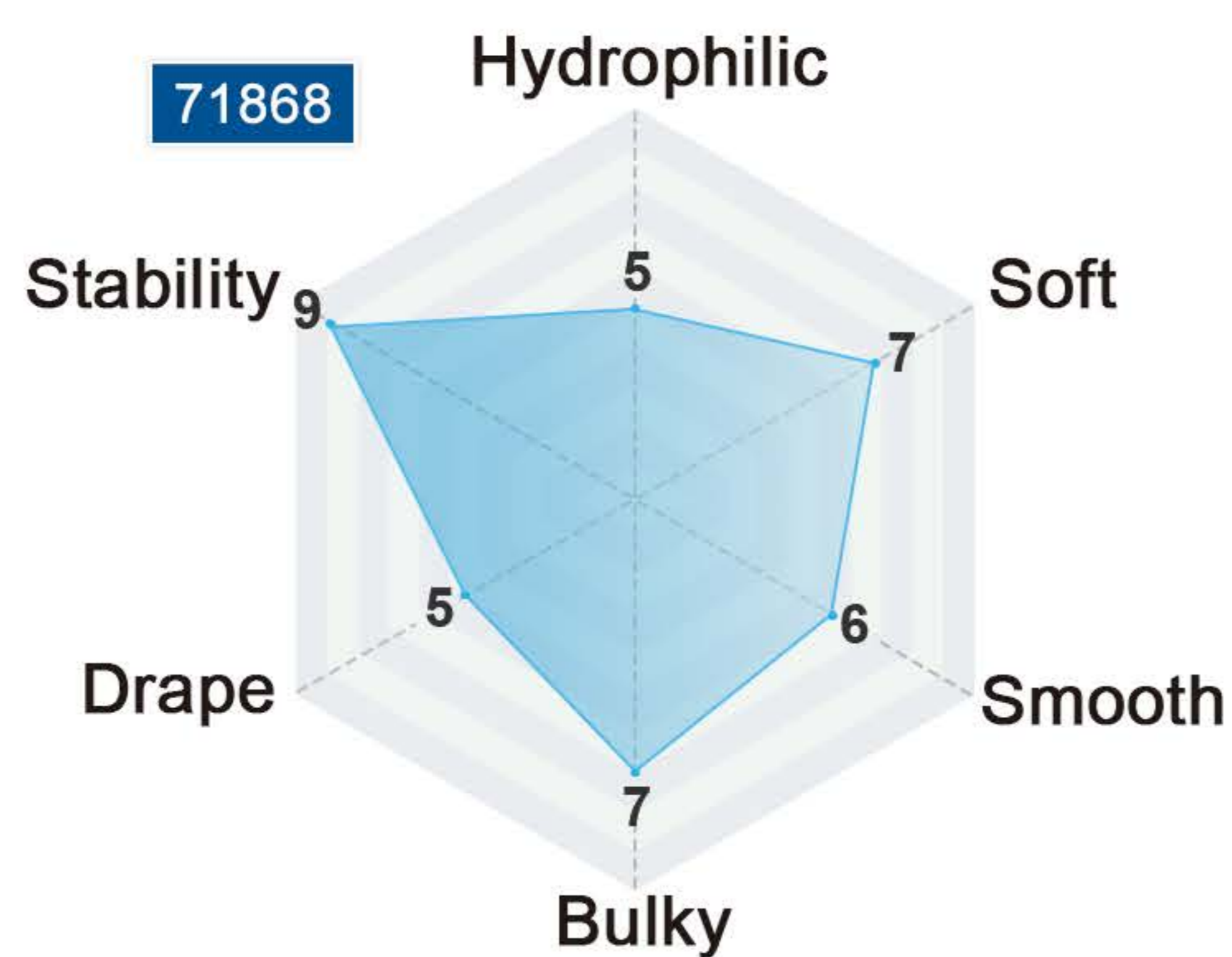
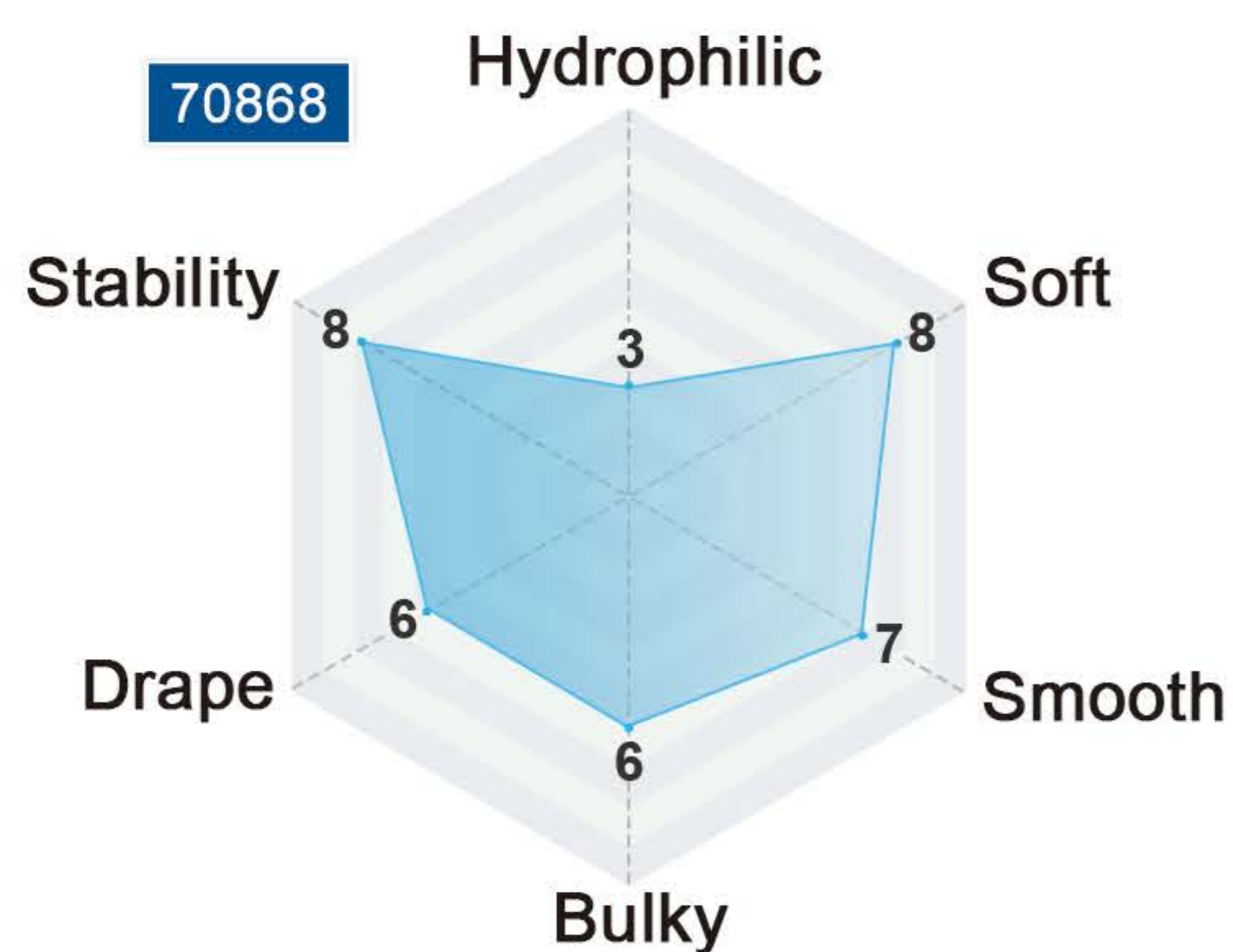
Hydrophilic Silicone Softener (Cellulose)

Model	Application	Solid Content	Hydrophilic	Soft	Smooth	Bulky	Drape	Stability
60834	Cellulose	60%	7	7	8	8	5	7
68002	Cellulose	30%	9	6	6	7	6	9
76698	Cellulose	50%	8	8	7	6	6	8



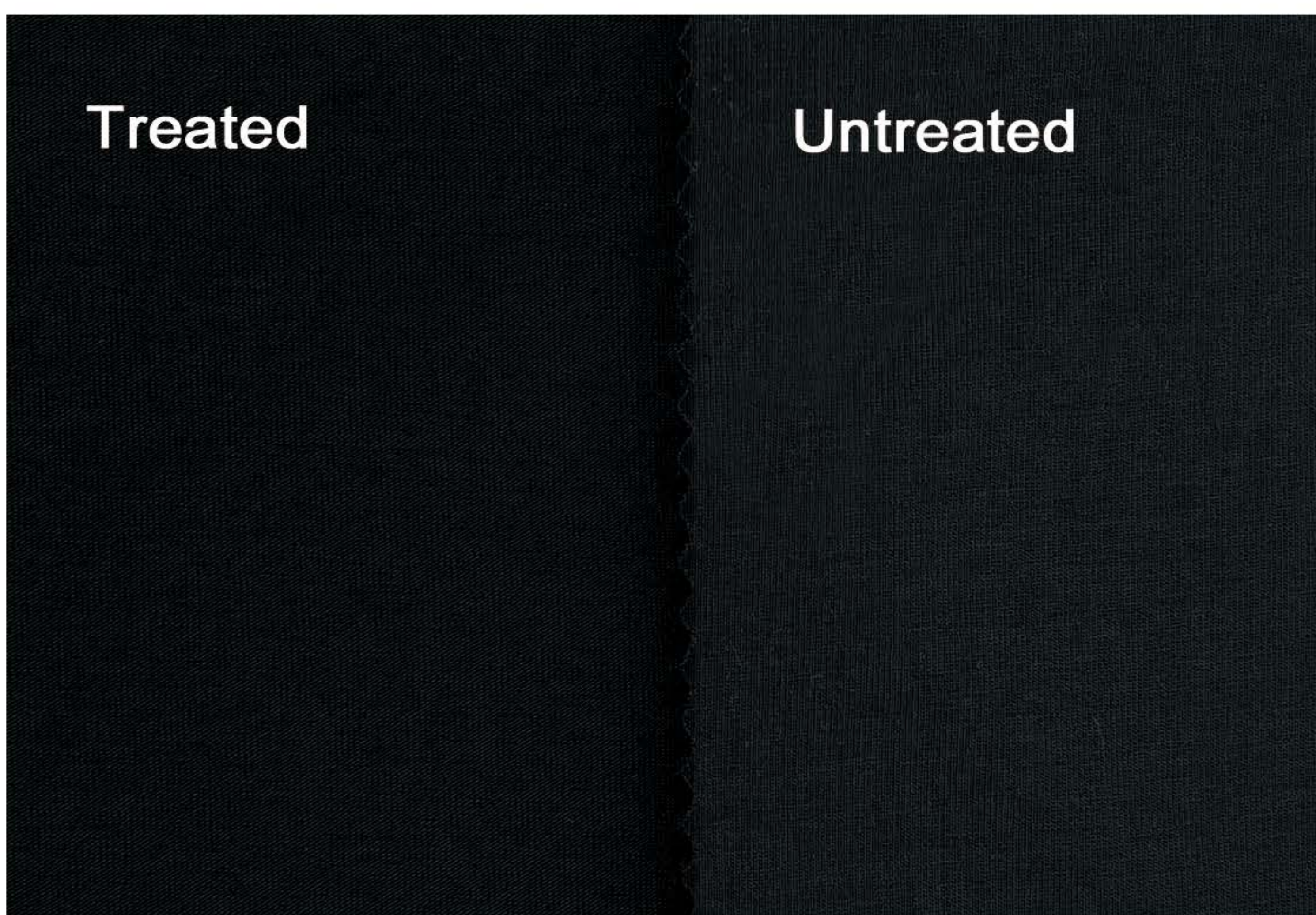
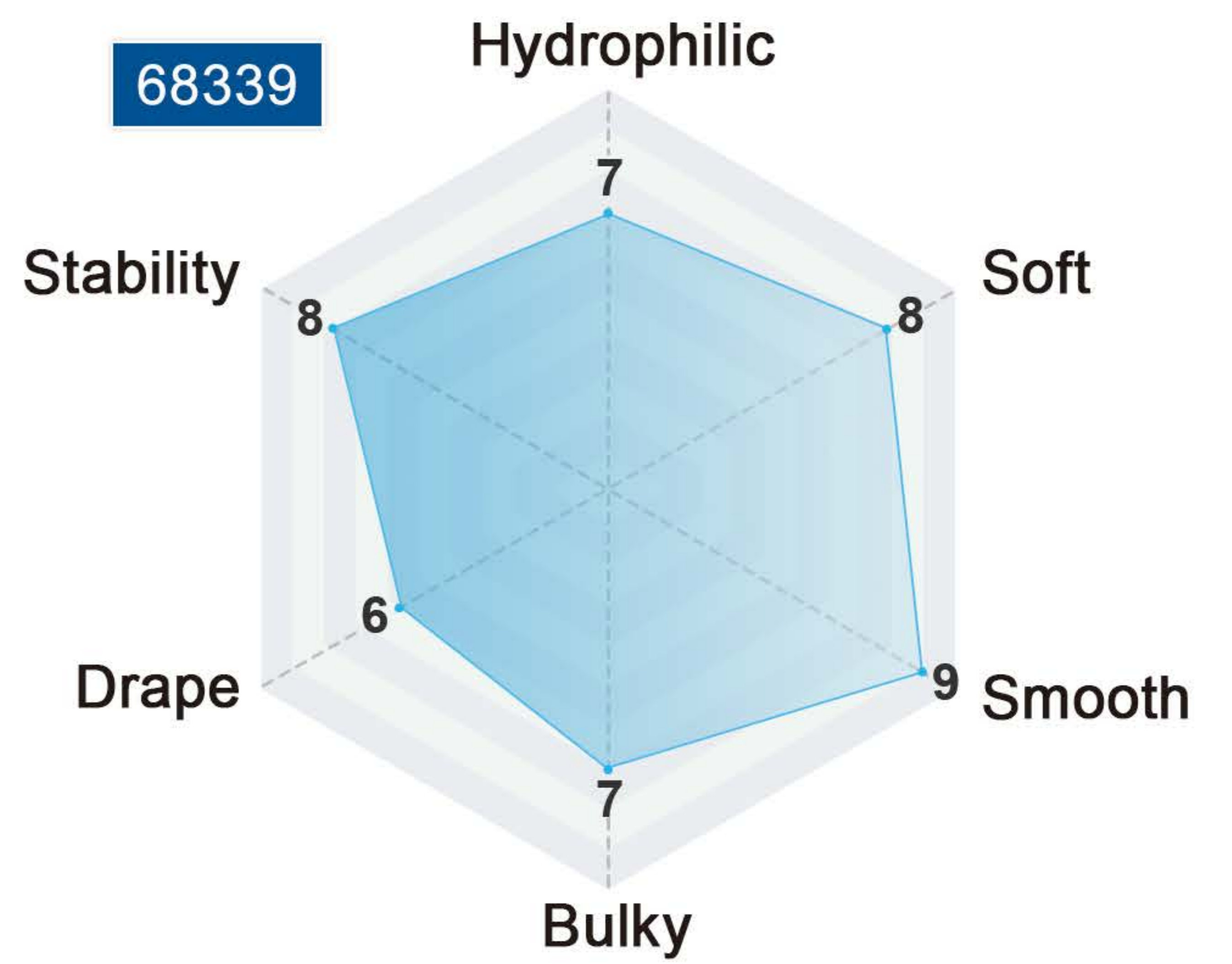
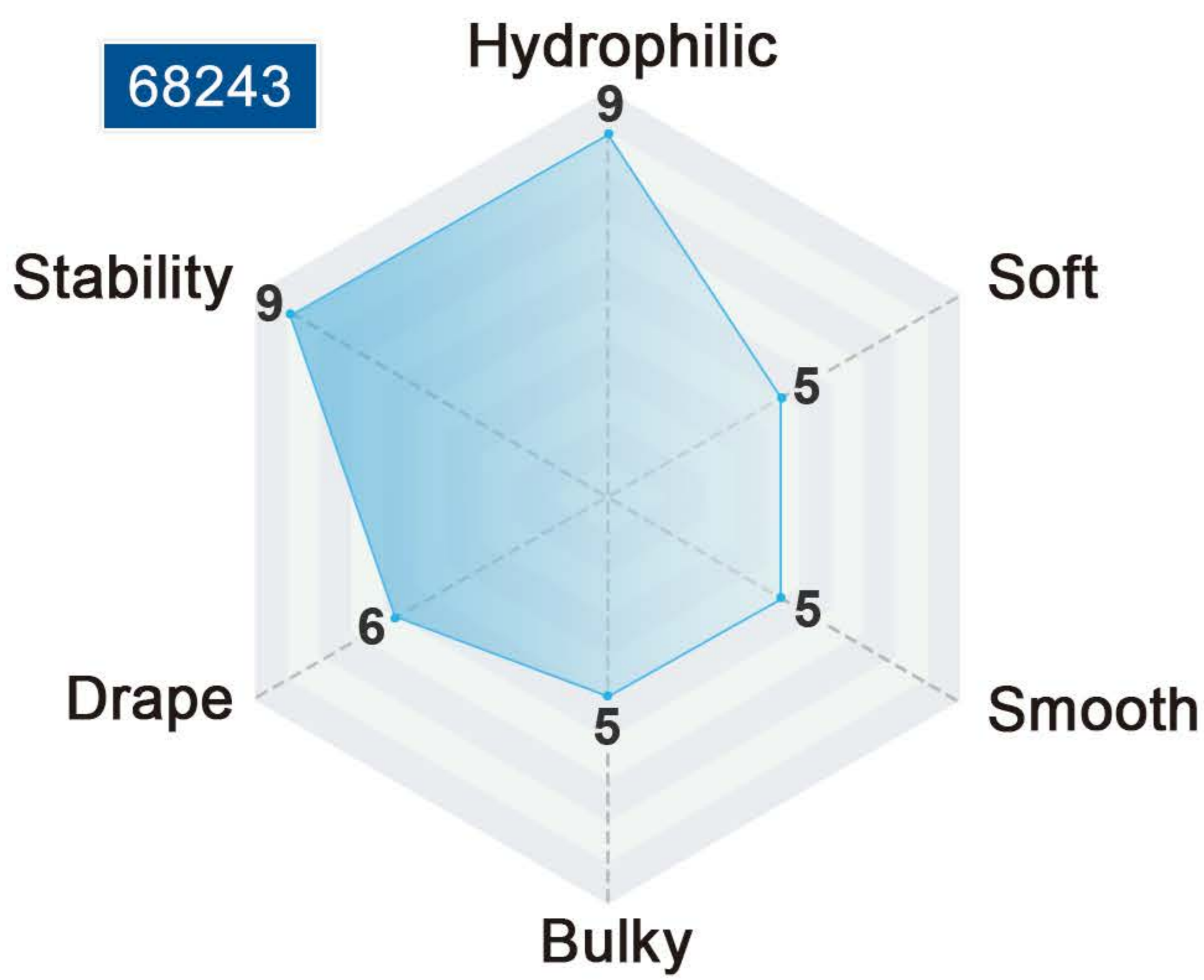
Hydrophobic Silicone Softener (Cellulose)

Model	Application	Solid Content	Hydrophilic	Soft	Smooth	Bulky	Drape	Stability
70868	Cellulose	40%	3	8	7	6	6	8
71868	Cellulose	43%	5	7	6	7	5	9
80319	Cellulose	40%	2	6	7	8	5	7
81016	Cellulose	65%	2	8	8	8	5	7
95001	Cellulose	35%	4	7	6	7	5	7



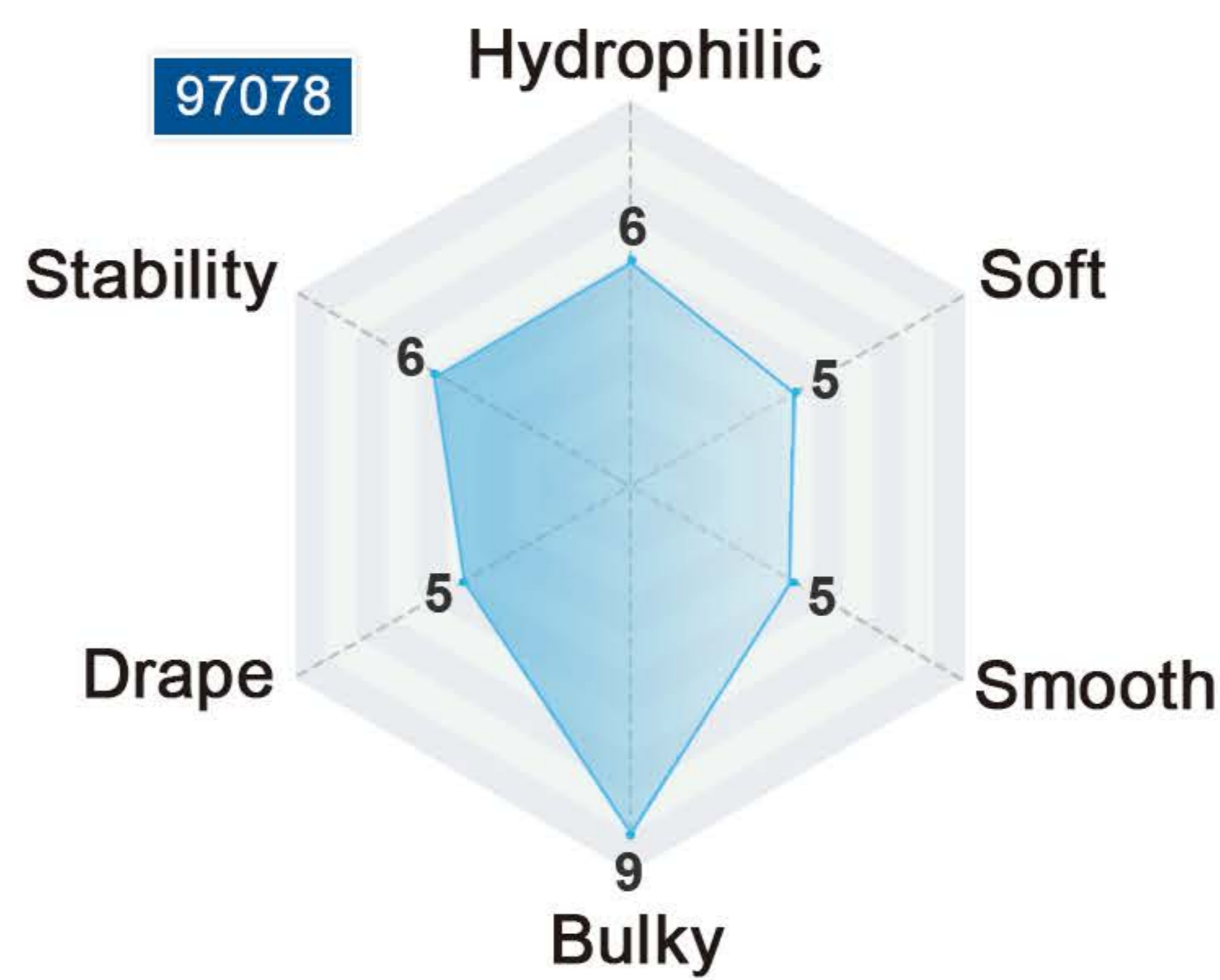
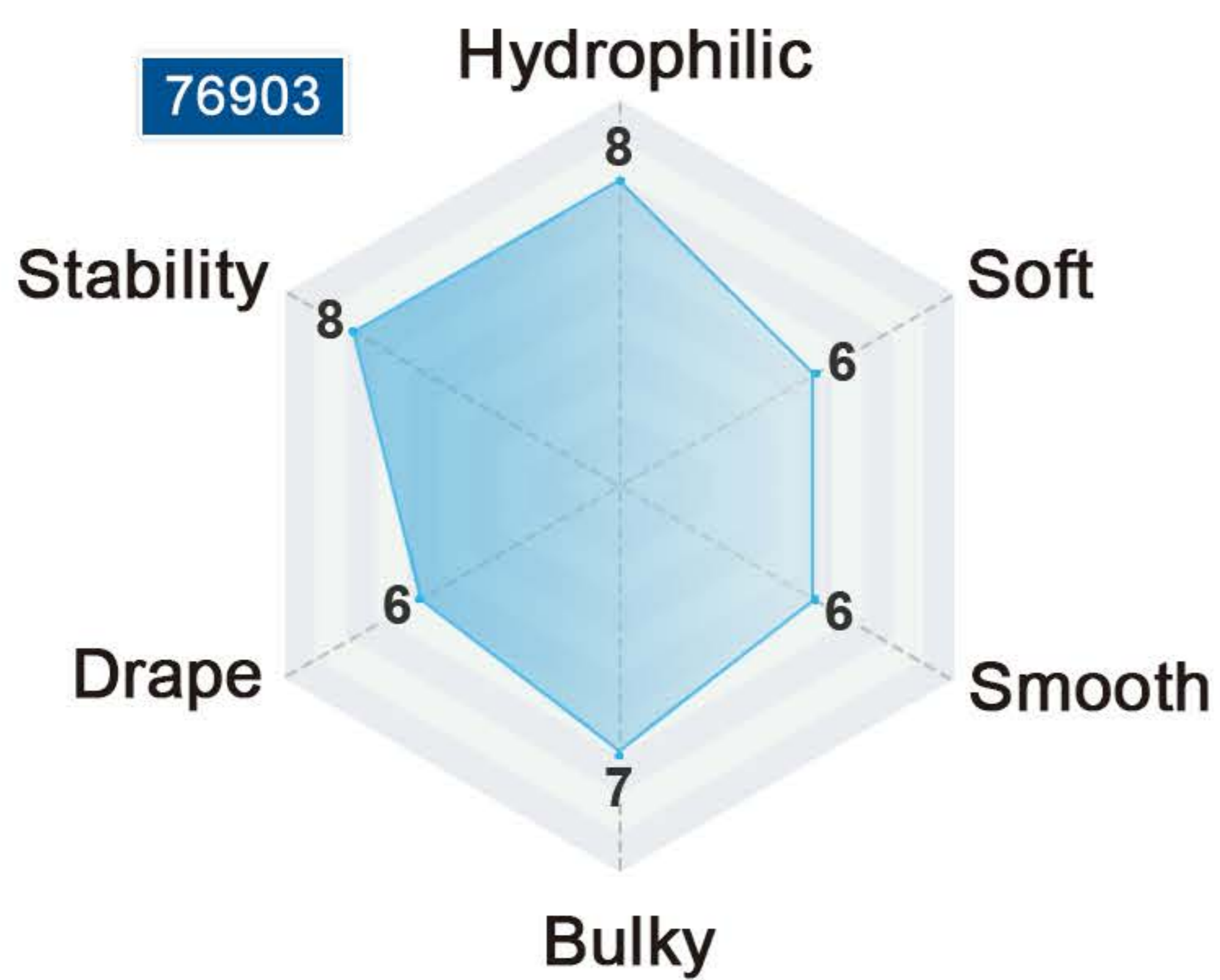
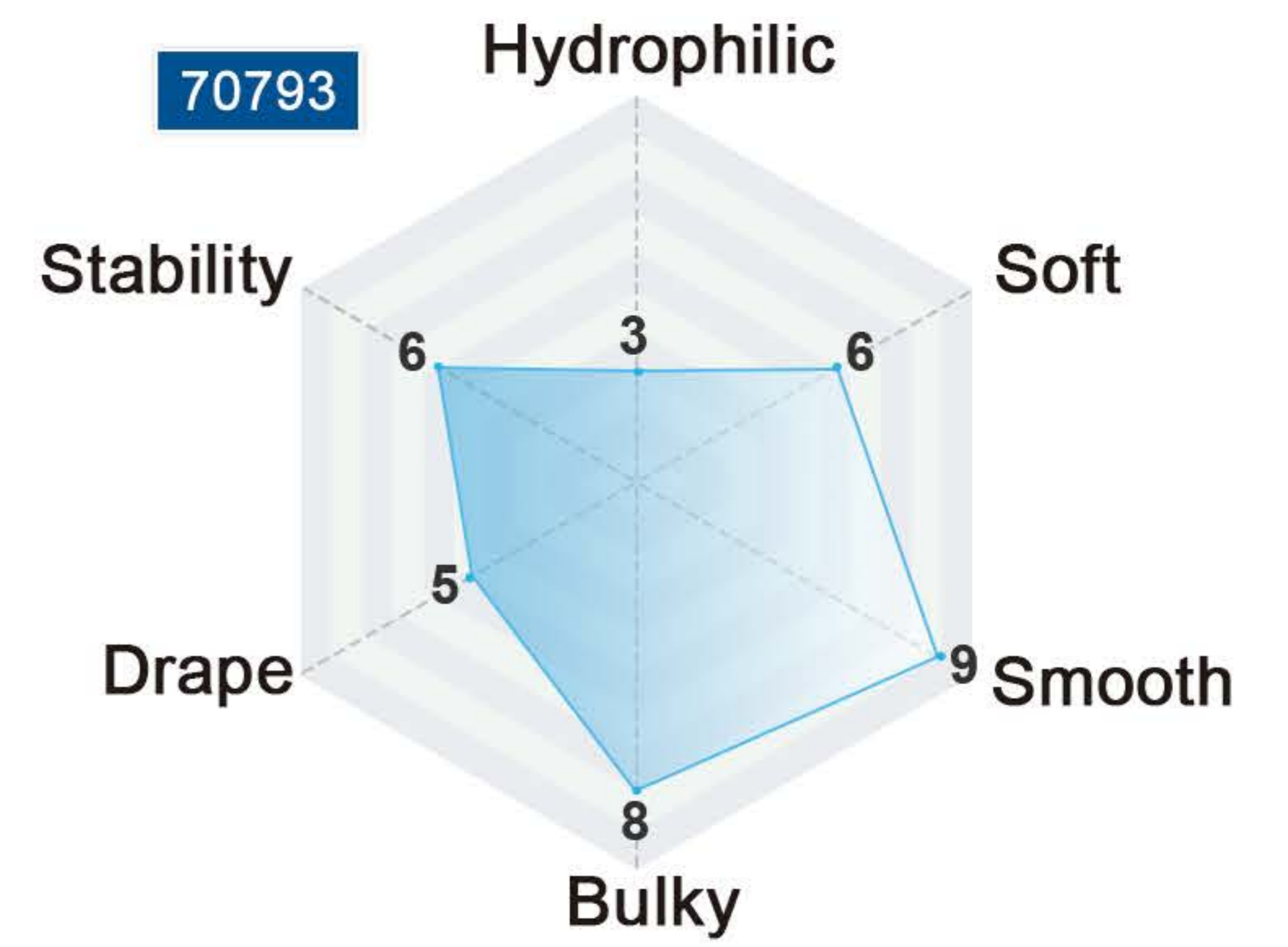
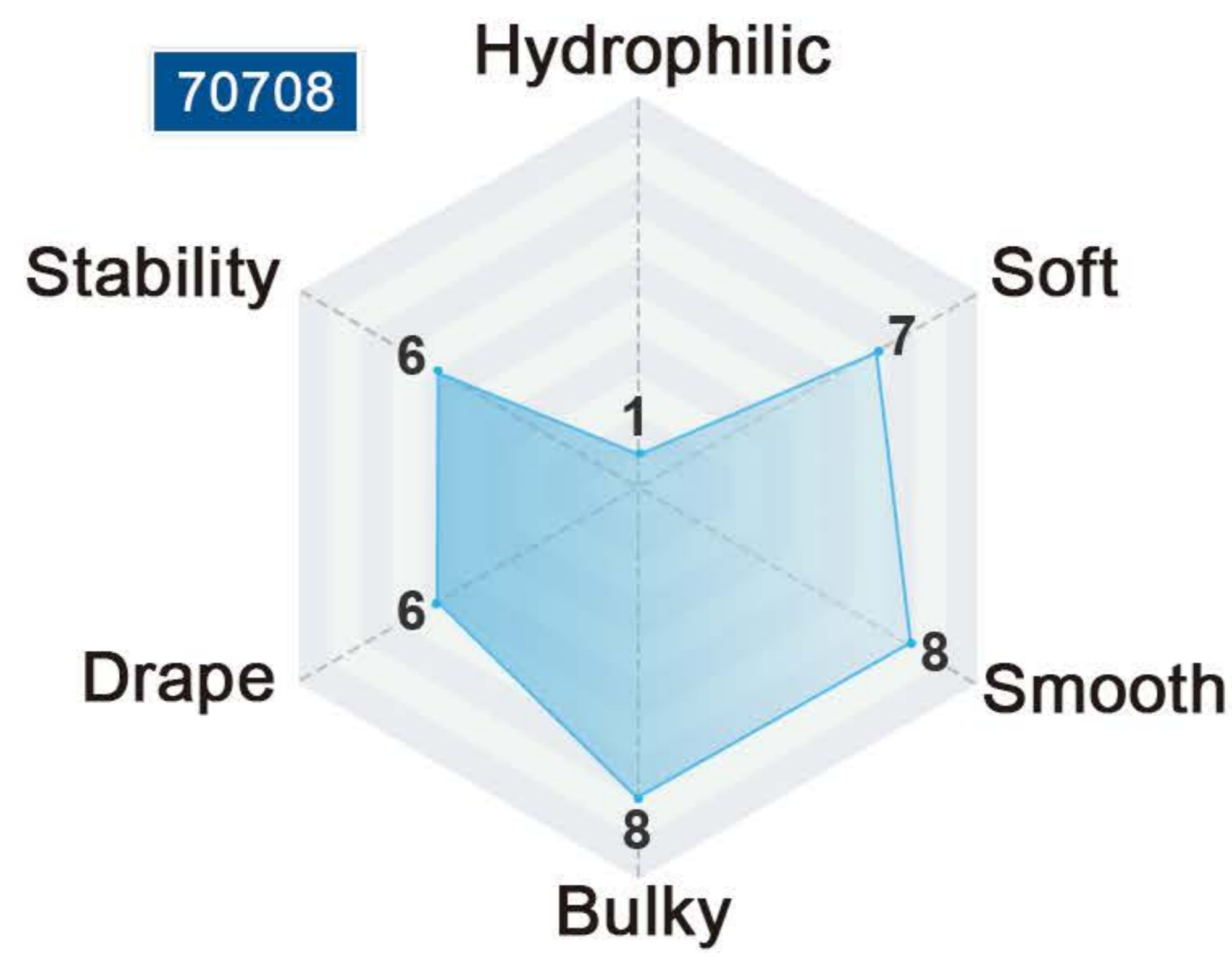
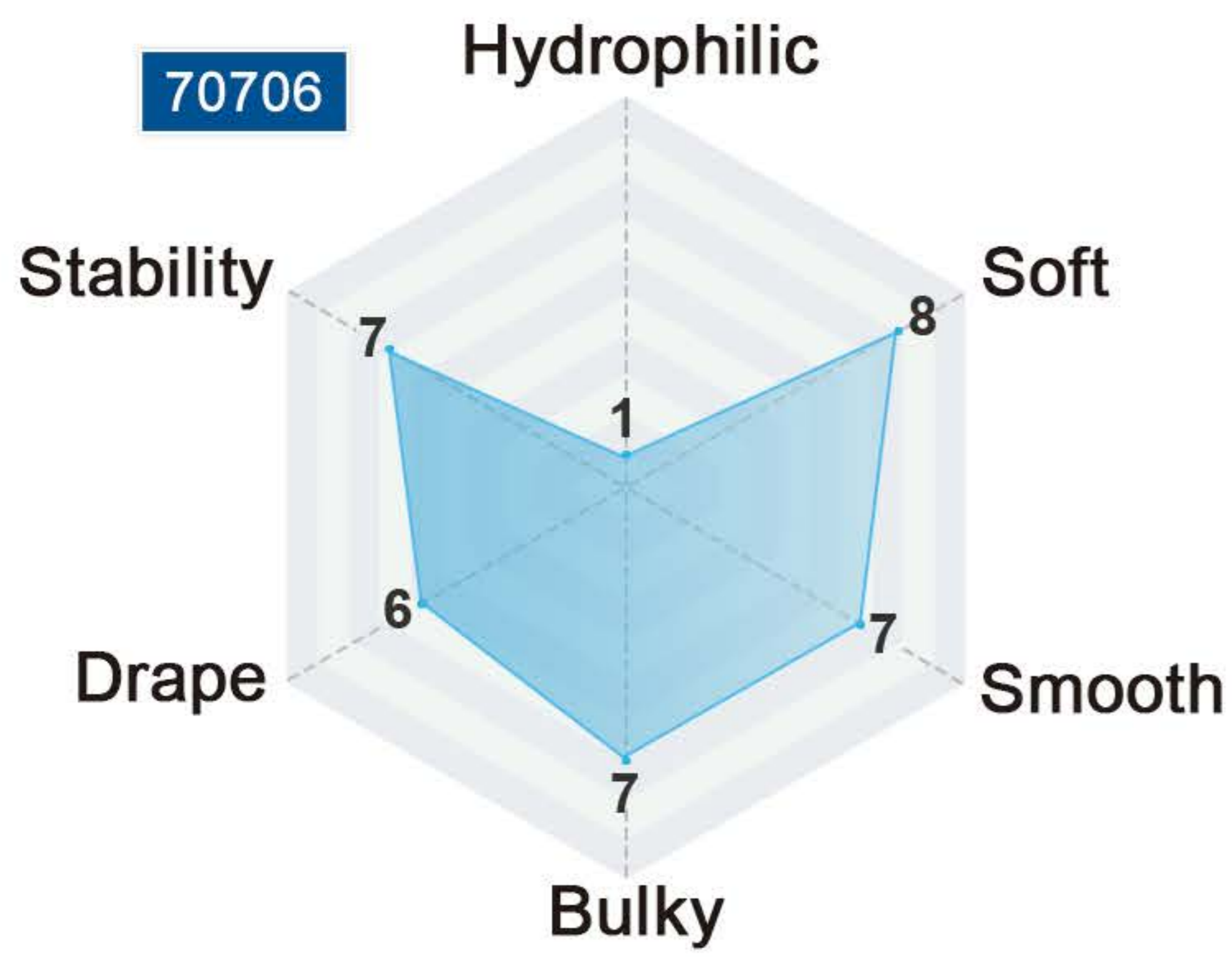
Deepening Softener (Cellulose)

Model	Application	Solid Content	Hydrophilic	Soft	Smooth	Bulky	Drape	Stability
68243	Cellulose	43%	9	5	5	5	6	9
68339	Cellulose	45%	7	8	9	7	6	8



Silicone Softener (Synthetic)

Model	Application	Solid Content	Hydrophilic	Soft	Smooth	Bulky	Drape	Stability
70706	Synthetic	20%	1	8	7	7	6	7
70708	Synthetic	20%	1	7	8	8	6	6
70793	Synthetic	20%	3	6	9	8	5	6
76903	Synthetic	20%	8	6	6	7	6	8
97078	Synthetic	20%	6	5	5	9	5	6



Antibacterial Agents



Zinc ion antibacterial agent 44503

It can be used for antibacterial and mould proof of various fiber fabrics, when it deposit in micro -pores of fabrics to form a pharmaceutical film, create reliable and durable antibacterial effect. With dosage 0.4% on weight of fiber, over 95%of microbial can be killed.



TEST REPORT

(Electronic version)

No:210298857

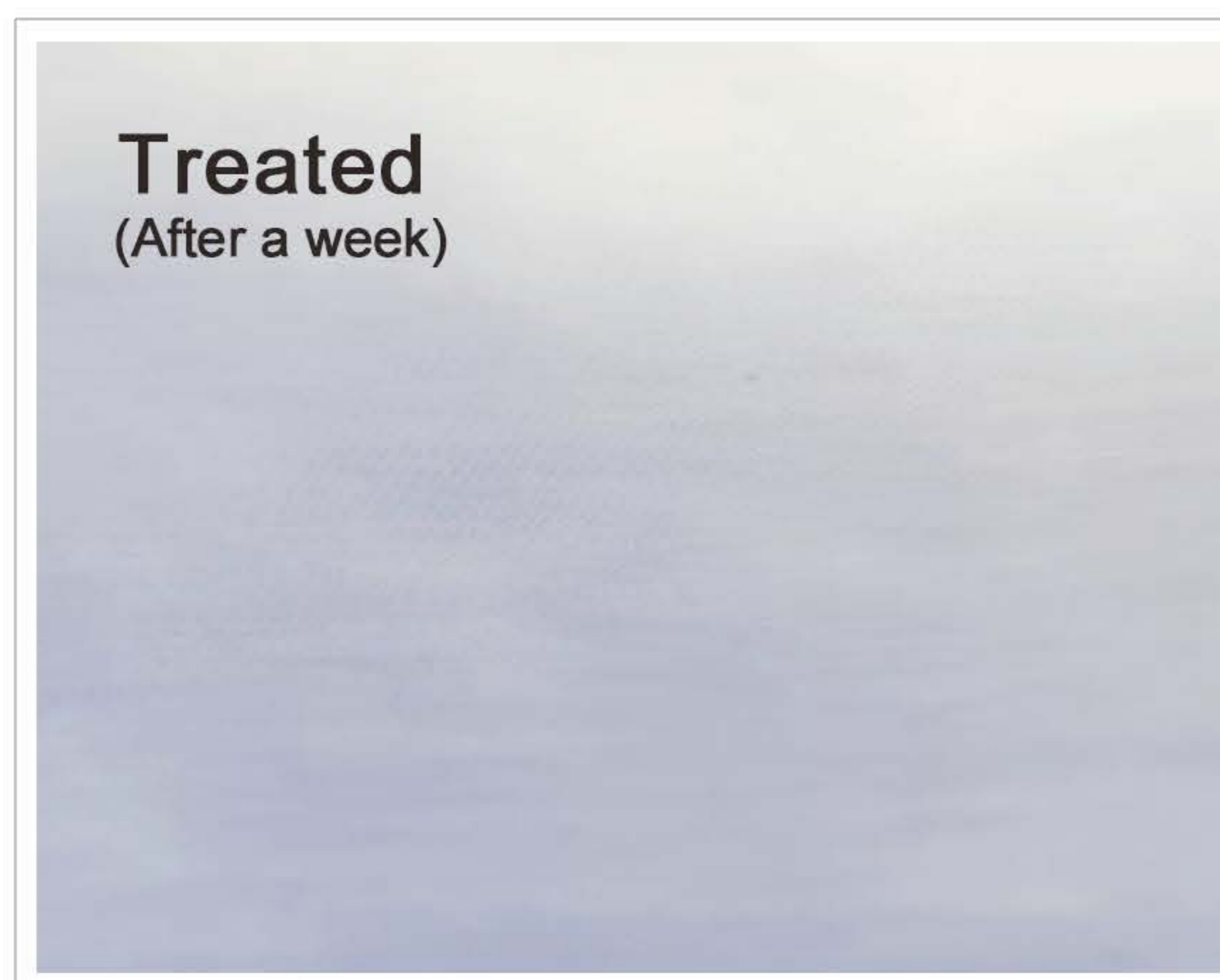
Test Item (Measuring Unit) [Sample Identification]	Test Method	Standard and Tolerance	Test Result	Judgment	Remark
●ANTIMICROBIAL ACTIVITY After 20 Washing CYCS <i>Klebsiella pneumoniae</i> (ATCC 4352)	AATCC 100-2019 Sterilization Method of Sample: Autoclaving Dilution Medium: 0.85% Saline Solution Number of Samples per Bottle: 1g	---	The Number of Bacteria: At "0" contact time 1.7×10^5 CFU/ sample At "24H" contact time 1.6×10^4 CFU/ sample Reduction Rate of Bacteria 90.59%	---	FZ/T 73023- 2006 ANNEX C 20 Washing CYCS
●ANTIMICROBIAL ACTIVITY After 20 Washing CYCS <i>Staphylococcus aureus</i> (ATCC 6538)	AATCC 100-2019 Sterilization Method of Sample: Autoclaving Dilution Medium: 0.85% Saline Solution Number of Samples per Bottle: 1g	---	The Number of Bacteria: At "0" contact time 2.0×10^5 CFU/ sample At "24H" contact time 1.3×10^4 CFU/ sample Reduction Rate of Bacteria 93.50%	---	FZ/T 73023- 2006 ANNEX C 20 Washing CYCS

Antibacterial Agents



Antibacterial and Antiviral Agent 44570

Effective for most often-tested bacteria. AAA level bacteriostasis effect. After 50 times washing, the treated fabric still have antibacterial effect. Excellent antiviral effect.



TEST REPORT

(Electronic version)

No:190287648

ANTIMICROBIAL ACTIVITY (LEVEL AAA)
抗菌效果 (AAA级)

(FZ/T 73023-2006 ANNEX D 附录D, SHAKE FLASK METHOD 振荡法 AFTER 50 WASHING CYCS
样品经洗涤50次)

INHIBITION 抑菌率:
STAPHYLOCOCCUS AUREUS 金黄色葡萄球菌
99.78%
COLON BACILLUS 大肠杆菌
95.80%
CANDIDA ALBICANS 白色念珠菌
89.11%

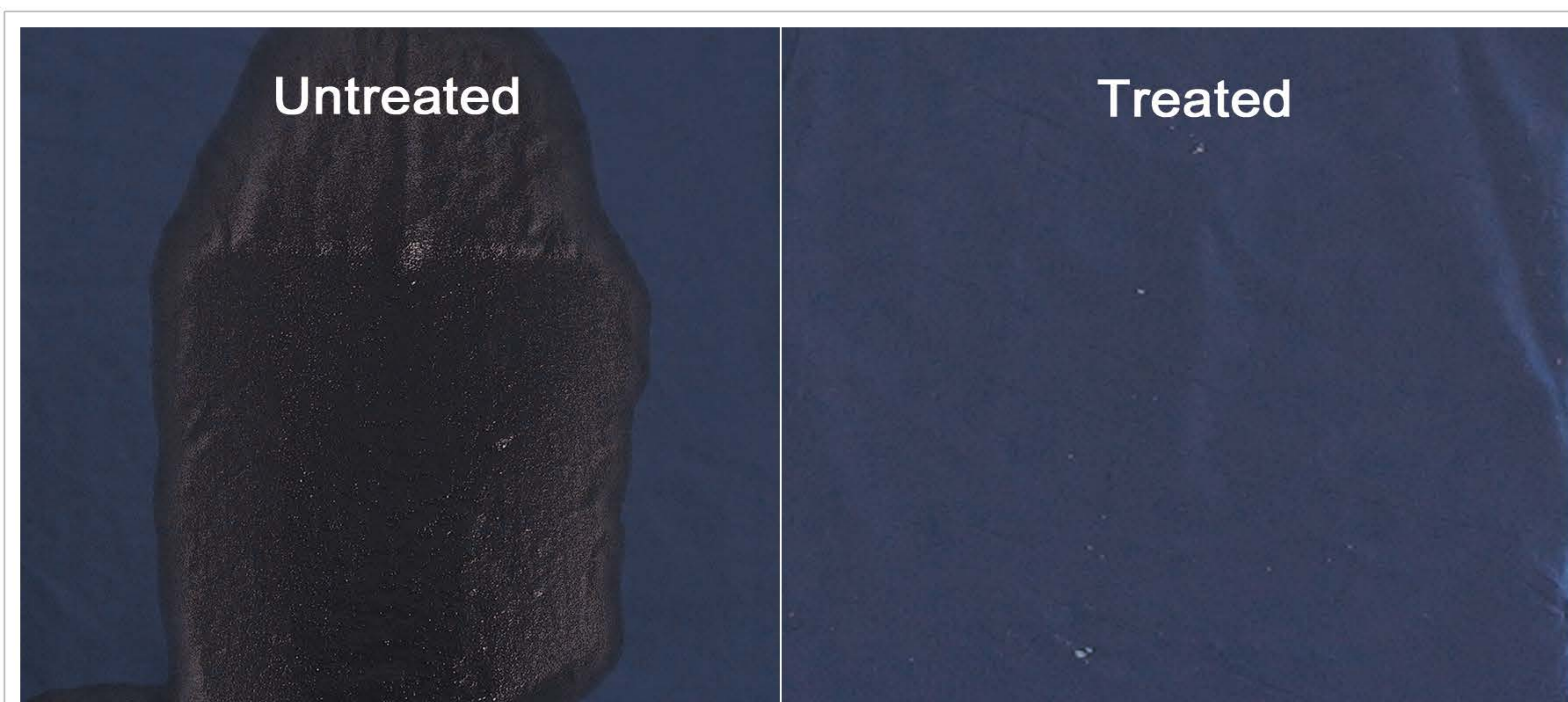
REQUIREMENT 要求
INHIBITION 抑菌率:
STAPHYLOCOCCUS AUREUS 金黄色葡萄球菌
≥80%
COLON BACILLUS 大肠杆菌
≥70%
CANDIDA ALBICANS 白色念珠菌
≥60%
(FZ/T 73023-2006)

Water Repellent Agent



Water repellent agent

Form a dense cross-linked film on the surface of fiber, it can lower the surface tension of fabrics, imparts fabrics water-proofing, oil-proofing and anti-fouling effect.



Amino Silicone Oil (Cellulose fiber)

Apply in soft finishing process for cellulose fiber fabrics.
Customized products with different viscosity and amino value is available.

Block Silicone Oil (Chemical fiber)

Apply in soft, smooth and fluffy finishing process for chemical fiber.
Customized products with specific handle is available.

Terpolymer Silicone Oil (Hydrophilic)

According to the latest market requirements, both have hydrophilic and handle finishing.
Customized products with specific handle is available.

Silicone Oil is available for customizing with different handle, which matches most products in the market.

PRODUCT CATEGORIES

I. Pretreatment Auxiliaries

Low Foaming Degreasing Agent

Low Temperature Degreasing Agent

Dyeing Bath Degreasing Agent

High Efficiency Wetting Agent

Multifunctional Wetting Agent

Alkali-Resisting Wetting Agent
(Mercerizing Wetting Agent)

Cold-Pad-Batch Scouring Agent

Low Temperature Scouring Agent

Hydrogen Peroxide Activator

Hydrogen Peroxide Stabilizer

Sequester Agent

II. Dyeing Auxiliaries

Cotton Dyeing Auxiliaries

Reactive Dye Leveling Agent

Non-foaming Soaping Agent

Low Temperature Soaping Agent

Neutralizing Soaping Agent

Water-saving Soaping Agent

Polyester Dyeing Auxiliaries

High Temperature Leveling Agent

Polyester Leveling Agent

Polyester Patch Repair Agent

Eco-friendly Carrier

Anti-migration Agent (In drying process)
(Prevent Dyes Moving Agent)

Oligomer Remover

Nylon Dyeing Auxiliaries

Nylon Leveling Agent

Nylon Patch Prevent Agent

Nylon Patch Repair Agent

Nylon Retarding Agent

Acrylic Dyeing Auxiliaries

Acrylic Leveling Agent

Acrylic Retarding Agent

Acrylic Soaping Agent

Anti-settling Agent

General Dyeing Auxiliaries

Anti-creasing Agent
(Pretreatment/ Dyeing Bath Softener)

Dispersing Agent

Anti-coagulation Agent

Nylon Anti-staining Soaping Agent

Reactive Dyes Anti-Staining Soaping Agent

Cotton Anti-Staining Agent

Polyester Resist Agent

Nylon Resist Agent

Fixing Agent

Formaldehyde-free Fixing Agent

Blue Fixing Agent

T/C CVC Fixing Agent

Nylon Fixing Agent

Nylon Fluorescent Fixing Agent

Washing Fastness Improving Agent

Web Rubbing Fastness Improving Agent

Light Fastness Improving Agent

Whitening Agent

Cotton Whitening Agent

Polyester Whitening Agent

Nylon Whitening Agent

III. Silicone Finishing Agents (Available For Customized Handle)

Original Silicone Oil

Amino Silicone Oil

Block Silicone Oil

Trifunctional Silicone Oil

Hydrophilic Silicone Oil

Cotton Silicone Oil Emulsion

Hydrophilic Smooth Silicone Softener

Hydrophilic Ultra-Soft Silicone Softener

Dyeing Bath Silicone Softener

Ultra-smooth Silicone Softener

Fluffy Soft Silicone Softener

Mercerizing Silicone Softener

Elastic Silicone Softener

Sulphur Black Deepening Softener

Deepening & Brightening Silicone Softener

Stiff Smooth Silicone Softener

Instant Hydrophilic Finishing Agent

Chemical Fiber Silicone Oil Emulsion

Polyester Ultra-soft Silicone Softener

Polyester Smooth Silicone Softener

Polyester Hydrophilic Silicone Softener

Towel Silicone Softener

Nylon Ultra-soft Silicone Softener

Nylon Hydrophilic Silicone Softener

Acrylic Fluffy Silicone Softener

IV. Other Finishing Agents

Non-Silicone Softeners

Hydrophilic Softener (Replace Soft Flake)

Cationic Soft Flake

Nonionic Soft Flake

Polyester Napping Softener

T/C Napping Softener

Acrylic Napping Softener

Yarn Smooth Agent

Torn Preventing Agent
(Anti-split Agent)

Health Finishing Agent

Anti-mite Finishing Agent

Anti-bacterial Finishing Agent

Anti-mold Finishing Agent

Washable Anti-bacterial Finishing Agent

Skin Care Finishing Agent

Hyaluronic Acid Finishing Agent

Paclitaxel Anti-bacterial Finishing Agent

Anti-mosquito Finishing Agent

Other Functional Finishing Agent

Moisture Wicking Agent

Moisture Quick Drying Agent

Cool Core Finishing Agent

Antistatic Agent

Anti-pilling Agent

Flame Retardant Finishing Agent

Tri-proof Finishing Agent

Water Proof Finishing Agent

Low Formaldehyde Anti-Wrinkle Resin

Formaldehyde-free Stiff Resin

Eco-friendly Stiff Resin

Fragrance & Plant Extract Finishing Agent

Rose Finishing Agent

Osmanthus Fragrans Finishing Agent

Mint Finishing Agent

Lemon Finishing Agent

Ganoderma Lucidum Finishing Agent

Bird's Nest Finishing Agent

Lemongrass Finishing Agent

Tea Polyphenols Finishing Agent

Pearl Collagen Finishing Agent

V. Other Special Auxiliaries

Enzyme

H₂O₂ Killer Enzyme
(Deoxygenization Enzyme)

Acidity Cellulose Enzyme

Neutral Cellulose Enzyme

Polishing Enzyme

Nylon Auxiliaries

Nylon Spandex Degreaser

Nylon White Spot Preventing Agent

Nylon Antioxidant Agent

Anti Phenolic Yellowing Agent

Anti Heat Yellowing Agent

Nylon Washable Moisture Wicking Agent

Unique Repair Auxiliaries

Repair Agent
(Without requirement of removing silicone or fixing)

Weighting agent

Silicone Stripping Agent

Fixing Removing Agent

Fluorescence Stripping Agent

BLUE LAKE

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