

POWSIL™-59335

Super Soft Softener

INTRODUCTION

POWSIL-59335 is a super soft and less slick textile softener. It is specially designed to achieve super softness of fabric that is very harsh and compact. It contains a revolutionary and new generation of silicone molecule that differentiate from traditional amino-silicone or terpolymers.

BENEFITS

- ☐ Imparts super softness and mild slickness to very harsh and compact heavy fabric;
- ☐ Deeply penetrate into fibers to impart internal softness;
- ☐ Ready to use or readily diluted to any degree without additional emulsifies;
- ☐ Very stable in ordinary textile finish process;
- ☐ Provides bulky and softness and less slickness as opposed to slick and greasy feel from amino-silicone;
- ☐ Excellent affinity to all types of textile;
- ☐ Excellent fiber elasticity and shape recovery;
- ☐ Durable softness to laundering;
- ☐ Less fabric yellowing.

TYPICAL PHYSICAL PROPERTIES

Property	Value
Physical Form	Liquid
Appearance	Semitransparent to translucent liquid with slight blue light
Solid Contents (wt%)	20.0~22.0
Viscosity (25°C, cps)	<100 cst
pH (25°C)	4.0~6.0
Flash Point (°C)	>100
Diluents	Water
Ionic	Nonionic

APPLICATION

POWSIL-59335 can be used as received or pre-diluted with water before applying. The desirable usages are dependent on the required softness of the fabric and yarn after dyeing and rinsing.

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1. Pad-dry-cure process

Dosage:	15-40 g/L
pH:	5.0-7.0
Temp.:	Ambient temperature
Dry/Cure:	120-170°C for 1-3 min

2. Exhaustion process

Dosage:	1.5-3.0%(o.w.f) on the weight of fabric
Liquor ratio:	1/10 -1/20
pH:	5.0-7.0
Temp.:	Ambient temperature
Time:	20-30 min
Drying:	100-130°C for 3-5 min

3. Garment washing process

Dosage:	1.5-3.0% on the weight of garment
Temp.:	Ambient temperature
Duratio:	20-30 min
Drying:	100-130°C for 3-5 min

Stripping:

POWSIL-59335 can be stripped off fabric. The stripping formulation is as follows:

NaOH :	5 g/L
LABS(30%) :	2-5%

Add water and NaOH onto fabric tank and then heat to 100°C for 60 min. Then rinse fabric with acidic water and water .

PACKING AND STORAGE

To ensure that the product quality is maintained, the container should be tightly sealed when not in use. It should be stored at normal room temperature, preventing prolonged exposure to extreme heat and cold conditions, which may cause product separation. POWSIL-59335 tends to be sediment on bottom during storage period. If the product is separated, stir the contents to homogeneous. If the product is frozen, thaw it at warm condition and stir after thawed.

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POWSIL-59335 is packaged in net weight 120Kg plastic drum.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: support@SiSiB.com.