

POWSIL™-59780

Textile Softener

INTRODUCTION

POWSIL™ 59780 is a super soft & slick textile softener. It is a macro-emulsion of amino-modified silicone polymer which is used for softening textiles and provide greasy feel.

POWSIL™ 59780 is widely used for all kinds of textiles fabrics & imparts durable elasticity, softness, lubricity, sew-ability, smoothness and shine finish.

BENEFITS

- Water dispersible macro-emulsion concentrate;
- Readily dilute to any lower grades with water;
- Imparts good affinity to various fibers;
- Imparts remarkable slickness & softness to various fabrics;
- Imparts greasy / oiling feel to fabrics;
- Imparts springiness or elastomeric property to various fabrics;
- Imparts low-yellowing to various fabrics;
- Provides the competitive cost-performance ratio

TYPICAL PHYSICAL PROPERTIES

Appearance	Amber to milky white liquid
Solid Contents (wt%)	Around 40%
Viscosity (25°C, cSt)	Max.500
Flash Point (°C, open)	Min.100
Diluents	Water
pH value	4.0-6.0
Density 25°C	0.993
Ionic	Nonionic to slightly cationic

APPLICATIONS

POWSIL™ 59780 can be readily diluted into any grades with water. No additional emulsifier or acid is required.

- Pad-dry-cure process

Dosage 10~20g/l for light fabric or 20 ~ 40g/l for heavy fabric

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pH:	5.0 ~ 7.0
Temperature:	Ambient
Dry/Cure:	120 ~ 170°C for 1~3 min

Exhaustion process

Dosage: 1.0 ~ 2.0% (o. w.f.) on light fabric & 2.0 ~ 4.0% on heavy fabric

Liquor ratio: 1/10 ~ 1/20

pH: 5.0 ~ 7.0

Temperature: Ambient

Time: 10 ~ 30 min

Spinning & Drying: 100 ~ 170 °C for 1~3 min

Garment washing process

Dosage: 1.0 ~2.0% on the weight of garment

Temp: Ambient temperature

Time: 30 ~ 60 min

Spinning & Drying: 100 ~ 130 °C for 3~5 min

PACKING AND STORAGE

POWSIL™ 59780 is supplied with 200Kg drum as well as 950Kg IBC. 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. If the product is separated, stir the contents. If the product is frozen, thaw it at warm condition and stir after thawed.

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.

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

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