

ULTRASIL SX

Silicone softener imparting excellent softness and very good surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.

CHARACTERISTICS	BENEFITS
Very good softness with hydrophilicity	Highly recommended for fabrics requiring good wicking and water retention like terry towels, goods for reactive printing etc.
No shade change or fastness impairment of finished goods	Can be applied on all kinds of goods including whites and pastel shades
Imparts antistatic properties	Extremely useful on yarns and fabrics prone to static build up
Enhanced fibre lubrication	Improved tear strength and bursting strength of fabrics Improved sewability of fabrics

PROPERTIES

Ionic nature:	Nonionic
Physical Appearance:	Bluish Clear to bluish translucent liquid.
Specific Gravity at 25° - 30°C	0.99 - 1.05
pH	5 - 7
Compatibility:	Compatible with most cationic and nonionic products used in textile finishing, also optical brighteners & pigments
Solubility in water at 25°C:	Readily soluble
Storage stability:	ULTRASIL SX is stable for 6 months when properly stored in closed containers at 25°C
Ecology/Toxicology:	The usual hygiene and safety rules for handling chemicals should be observed in handling, storage and use of the product. The product must not be swallowed.

APPLICATION

Padding application

20 – 40g/l ULTRASIL SX

Bath pH- 5-6

Is recommended in the padding bath depending on the type of fabric and softness desired, followed by drying at 125 - 145°C for 45 – 60 seconds.

NOTES

It is not recommended to be used on jet machines or other machines with very high shear action as it can cause emulsion breakage.

Core pH of ready for finish fabric should be 5 – 6.

If exposed to atmospheric air for a prolonged duration product becomes hazy and hence it should be kept all the times in closed containers away from direct sunlight.

- Bath Stability up to pH 12
- Stable to hardwater up to 1000 ppm
- Bath with optical brightener stable 5 gpl.
- Compatible with Cationic dye fixing agent, Pigment, Tinting agent.

ATTENTION

The information given above is in line with our present state of knowledge and experience and is without any guarantee. Users must thoroughly test any application before any commercialization. We are not liable for damages due to improper application of our products.