

ULTRASIL SX 300

Jet stable organic modified silicone softener imparting excellent softness, hydrophilicity 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. Resistance to Chlorine blotchiness.	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
Very high shear stability	Possible to use in soft flow machines

PROPERTIES

Ionic nature:	Nonionic
Physical Appearance:	Clear to clear bluish liquid
Specific Gravity at 25°C – 30 °C :	0.99 - 1.03
pH (Meter) (10% Solution):	5.0 – 6.5
Compatibility:	Compatible with most cationic and nonionic products used in textile finishing
Solubility in water at 25°C:	Readily soluble
Storage stability:	ULTRASIL SX 300 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

10 – 25g/l ULTRASIL SX 300

Is recommended in the padding bath depending on the type of fabric and softness desired, followed by drying at 145 - 165°C for 45 – 60 seconds

Exhaust application

1.0 – 3.0% (owf) ULTRASIL SX 300

Is recommended at a liquor ratio of 1:6 to 1:15 depending on the type of fabric and softness desired, treat for 15-20 minutes at room followed by hydro extraction and tumble drying at 80 - 130°C

NOTES

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.

It is recommended to use bath within 8 hours of bath preparation.

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.