

ULTRASOF® 300

micro amino silicone for soft, supple handle on all kinds of fabrics

CHARACTERISTICS	BENEFITS
Micro amino silicone	Extremely soft and supple handle on all kinds of fabrics
Enhanced fibre lubrication with cross-linking	Improved tensile strength and crease recovery of fabrics
No yellowing	Same product can be used on both dyed as well as full white goods

PROPERTIES

Ionic nature:	Nonionic
Physical Appearance:	Bluish clear to bluish translucent liquid
Specific Gravity at 25°C – 30° C:	0.99 - 1.05
pH (Meter)(5% Solution)	4.5 - 6.5
Compatibility:	Compatible with most cationic and nonionic products used in textile finishing
Solubility in water at 25°C:	Readily soluble
Storage stability:	ULTRASOF 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

Product can be applied by both padding and exhaustion methods

Padding application

3 – 10g/l ULTRASOF 300

Is recommended in the padding bath depending on the type of fabric and softness desired at pH 6 – 7, followed by drying at 130°C

Exhaust application

0.3 – 1.0% (owf) ULTRASOF 300

Is recommended at a liquor ratio of 1:10 to 1:15 depending on the type of fabric and softness desired, treat for 15-20 minutes at room temperature followed by hydro extraction and tumble drying at 80 - 130°C

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

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.

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.