

LOTUS FEEL[®] 45

Micro amino silicone

CHARACTERISTICS	BENEFITS
Micro amino silicone with amino groups present on siloxane backbone	Imparts remarkable softness and limpyness to Cotton fabrics and its blends.
Small particle size with ability to cross-link with fibres	Gives very good elasticity to the fabric.

PROPERTIES

Ionic nature:	Nonionic
Physical Appearance:	Bluish clear to bluish translucent liquid
Specific Gravity at 25°C:	0.99 - 1.05
pH (Meter) (5% Solution)	4.5 – 7.0
Compatibility:	Compatible with most cationic and nonionic products used in textile finishing
Solubility in water at 25°C:	Readily soluble
Storage stability:	LOTUS FEEL 45 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 both by padding and exhaust methods

Padding application

10 –70 g/l LOTUS FEEL 45

Is recommended in the padding bath depending on the type of fabric and softness desired followed by drying at 160°C for 45 secs.

Exhaust application (Garment washing)

1 – 4% (owf) LOTUS FEEL 45

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.