

MICRO 40 X

Micro amino silicone softener with good smoothness & good durability

CHARACTERISTICS	BENEFITS
Micro amino silicone with amino groups present on siloxane backbone	Extremely soft handle with suppleness
Small particle size with ability to cross-link with fibres	Long lasting performance wash after wash
High emulsion stability	Can withstand small fluctuations in pH and temperatures of the application bath without causing any significant problems
Product by Chemical Fission.	Uniform particle size emulsion.

PROPERTIES

Ionic nature:	Nonionic
Physical Appearance:	Clear to hazy liquid
Specific Gravity at 25°C	0.99 – 1.05
pH (5% Dilution) Using pH Meter	4.0 – 6.5
Compatibility:	Compatible with most Esterquarts and nonionic products used in textile finishing
Solubility in water at 25°C	Readily soluble
Storage stability:	MICRO 40 X 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 –80g/l MICRO 40 X

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

Exhaust application

0.5 – 2% (owf) MICRO 40 X

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

Stable up to pH 8.00

Stable in optical brightener.

Stable in low dosage cationic dye fixing agent up to 50gpl.

Stable in hardwater up to 700 ppm

Not stable in indigo dye fixing agent.

Not stable with some cationic softener and stiffener.

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.