

SILONE HD

SPECIALITY WAX BASE LUBRICATING SOFTENER

CHARACTERISTICS	BENEFITS
Crosslinking polymer wax emulsion	Imparts smooth and flexible touch to resin hardened fabric.
Dispersible property	Readily dispersible and it forms a stable emulsion even in hard water.
Enhanced fibre /yarn lubrication	Improved sewability of fabrics
Does not cause yellowing on whites	Can be used for both dyed as well as white goods.

PROPERTIES

Physical Appearance:	Hazy Milky liquid
Specific Gravity at 25°C:	0.99 - 1.05
pH (5% SOLUTION)	5-7
Compatibility:	Compatible with most cationic and nonionic products used in textile finishing
Solubility in water at 25°C:	Readily soluble
Storage stability:	SILONE HD 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 generally applied by padding, exhaust and spray method in garment applications.

Padding application

10 – 30 g/l SILONE HD

Is recommended in the padding bath depending on the type of fabric and softness desired, followed by drying at 100-150°C.

Exhaust Application

1 - 3 % o.w.f. SILONE HD

Is recommended in the package dyeing/cone dyeing machine as yarn lubricant to provide better lubrication property in yarn during warping.

NOTES

If exposed to the atmospheric air for a prolonged period it may cause creaming which on stirring dissolves completely. Product 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.