

HYDROSIL 8900

Silicone softener meant for Cellulosic and its rich blend, including knits, shirting and Children wear.

CHARACTERISTICS	BENEFITS
Nonionic silicone softener	Excellent durable softness, antistatic and hydrophilic characteristics alongwith durable soil release properties.
Extremely good soft release and antistatic property	Imparts outstanding softness combined with excellent antistatic properties and hydrophilic properties to Cellulosic and its rich blends
Wash durable wicking property	Gives 30 wash durable wicking property for Cellulosic and its rich blends suitable for even white fabrics.

PROPERTIES

Ionic Nature:	Non-ionic
Physical Appearance:	Clear to hazy liquid
Specific Gravity at 25°C-30°C	0.99 - 1.03
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:	HYDROSIL 8900 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 exhaust and padding methods

Padding application

5 – 8 g/l HYDROSIL 8900

Is recommended in the padding bath depending on the type of fabric and softness red followed by drying at 160°C

Exhaust application

0.5-0.8 % (owf) HYDROSIL 8900

Is recommended at a liquor ratio of 1:10 to 1:15 depending on the type of fabric and softness desired, run for 15-20 minutes at room temperature followed by 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

- Bath Stability up to pH 8
- Stable with hardwater up to 1000 ppm
- Bath with optical brightener stable 5 gpl.
- Compatible with Cationic dye fixing agent, Pigment, Tinting agent, cationic softener

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.