

DENSIL

POLYSILICIC ACID COMBINATION

Slip resistance improvement agent

CHARACTERISTICS	BENEFITS
Polysilicic acid combination	Slip resistance and seam strength improvement. Pilling trend reduction.
Shade variation	Light dull colour effect
Dry surface handle	Useful in synthetic material

PROPERTIES

Nature:	Cationic
Physical Appearance:	Milky white liquid
Specific Gravity at 25°C:	1.0 – 1.25
pH (as it is)	1 - 5
Compatibility:	Compatible with all the cationic as well as non ionic Products used in textile finishing
Solubility in water at 25°C:	Soluble in any cold water proportion
Storage stability:	DENSIL 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

DENSIL is especially suitable to those fabrics which tend to slipping, such as regenerated cellulose and synthetic fiber linings.

USE METHOD

Dissolution

Dilute DENSIL in cold water or add it directly to bath.

Dosage

DENSIL 10 - 50 g/l

for lining materials or synthetic resin finishing.

By padding, basically.

Bath temperature	20 °C
Bath pH	4.0 - 4.5
Drying temperature	110 - 130 °C

When used together with synthetic resin, respective indications must be observed.

ECOLOGY AND TOXICOLOGY

Usual hygiene and safety rules for chemicals handling should be observed in storage, handling and use. The product must not be swallowed. For further information, please see Safety Data Sheet.

NOTES

Product 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.