Britacel Silicones Ltd.

ULTRASIL 140

Silicone softener imparting excellent softness and very good surface smoothness, hydrophilic and antistatic properties to all kinds of fabrics.

CHARACTERISTICS	BENEFITS
Very good softness with hydrophilicity	Highly recommended for fabrics requiring hydrophilicity.
No shade change or fastness impairment of finished goods	Can be applied on all kinds of goods including whites and pastel shades

PROPERTIES

Ionic nature: Nonionic

Physical Appearance: Clear to Bluish clear liquid.

Specific Gravity at 25ºC: 0.99 - 1.05

pH(Meter)(5% Solution):   5 - 7

Compatibility: Compatible with most cationic and nonionic products used in textile finishing, also optical brightners & pigments

Solubility in water at 25ºC: Readily soluble

Storage stability: ULTRASIL 140 is stable for 6 months when properly stored in closed containers at 25ºC

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

Padding application

20 – 40g/l ULTRASIL 140

Britacel Silicones Ltd.

Bath pH- 5-6

Is recommended in the padding bath depending on the type of fabric and softness desired, followed by drying at 145 - 165°C for 45 – 60 seconds

Exhaust application

2.0 – 4.0% (owf) ULTRASIL 140

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 temp. 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.

ULTRASIL 140 is stable at 45° C in dilution of 40 gpl is soft water for 10 hrs

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.