



Innocelle TSIQ

PADDING ADDITIVE STABLE LOW YELLOWING SILICONE WITH
UNIQUE SOFTNESS

Finish Features

- Stable to Low Temperature Curing Resin package (resin concentration up to 180 to 200 gpl)
- Natural silky handle
- Hydrophilic finish on Cotton and Cotton rich blends
- Ideal for processing of Natural & Synthetics
- Improves the tear strength property considerably when used alone and can be used along with Resin bath
- Practically very low yellowing and less effect on shades of dyed material
- Suitable for padding as well as exhaust applications
- Particularly recommended for full whites, as it is stable to Optical Brightening Agent (***Prior check is advisory***)

Product Profile

Product: Organo modified polysiloxane

Appearance: Colourless transparent liquid

pH: (direct): 4.5-6.5

Ionic Character: Non Ionic

Compatibility: Compatible with cationic & Non-Ionic textile finishing agent * (***Prior check is advisory***)

Shelf life: 6 months



Application Features

<p>By Exhaustion</p> <p><u>GARMENT FINISHING</u></p> <p><u>On Cotton, Synthetics/ Blends</u></p> <p>Knits/ Wovens/ Denim garments</p> <p>Dosage: 1-3% owm</p>	<p>pH: 5-5.5</p> <p>Time: 20 to 25 mins</p> <p>Temperature: <40° C</p> <p>Drying Temperature: Tumble Dry</p>
<p>By Wet on wet Padding</p> <p><u>On Cotton Knits</u></p> <p>Dosage: 50-80 gpl</p>	<p>pH: 5-5.5</p> <p>Time: 2 dip / 2 nip</p> <p>Temperature: <40° C</p> <p>Drying Temperature: 120-140° C</p>
<p>By Dry on wet Padding</p> <p><u>On Cotton Wovens</u></p> <p>Dosage: 15-30 gpl</p> <p><i>Soft finish/ Tear Strength Improver</i></p> <p><u>On Synthetics</u> <u>On P/C, P/V</u></p> <p>Dosage:5-10 gpl Dosage:10-15 gpl</p>	<p>pH: 5-5.5</p> <p>Time: 1 dip / 1 nip</p> <p>Temperature: <40° C</p> <p>Drying Temperature: 120-140° C for cotton 140-155° C for Synthetics 160-180° C for Synthetic Blends</p>
<p>In Resin Package</p> <p>On 100% Cotton / Cotton rich Blended Woven</p>	
<p>Resil LFR (Resin): 40-60 gpl</p> <p>MgCl₂: 10 gpl</p> <p>Innocelle TSIQ: 10-15 gpl</p> <p>Ultrafab NYS: 10-15 gpl</p>	<p>pH: 4-4.5</p> <p>Time: 1 dip / 1 nip</p> <p>Temperature: <40° C</p> <p>Drying Temperature: 120-140° C</p> <p>Curing Temperature: 150-160° C</p>



Application Features

low temperature Curing Resin

Package

On 100% Cotton / Cotton rich Blended Woven

Resil LFR LT (Resin): 180-200 gpl pH:4.5 -5.0

MgCl₂: 20 gpl Time: 1 dip / 1 nip

Innocelle TSIQ: 20-30 gpl Temperature: <40° C

Ultrafab NYS: 10-15 gpl Drying Temperature: 100° C

Curing Temperature: 130° C

Application precautions

MIX THE PRODUCT WELL BEFORE USE FOR BETTER APPLICATION

Check compatibility with other bath additives before use

Check the water quality. If water hardness / TDS is more than 250 ppm, it is advised to go for a sample trial

Check for any pH and temperature drift during the softening cycle

Do not expose product to prolonged periods at temperature above 50° C

Refer MSDS for safety measures. MSDS available on request

Storage Details

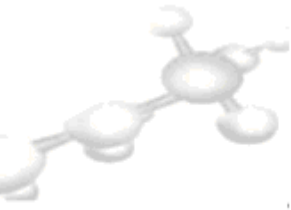
Store in a cool dry place

Replace lid tightly

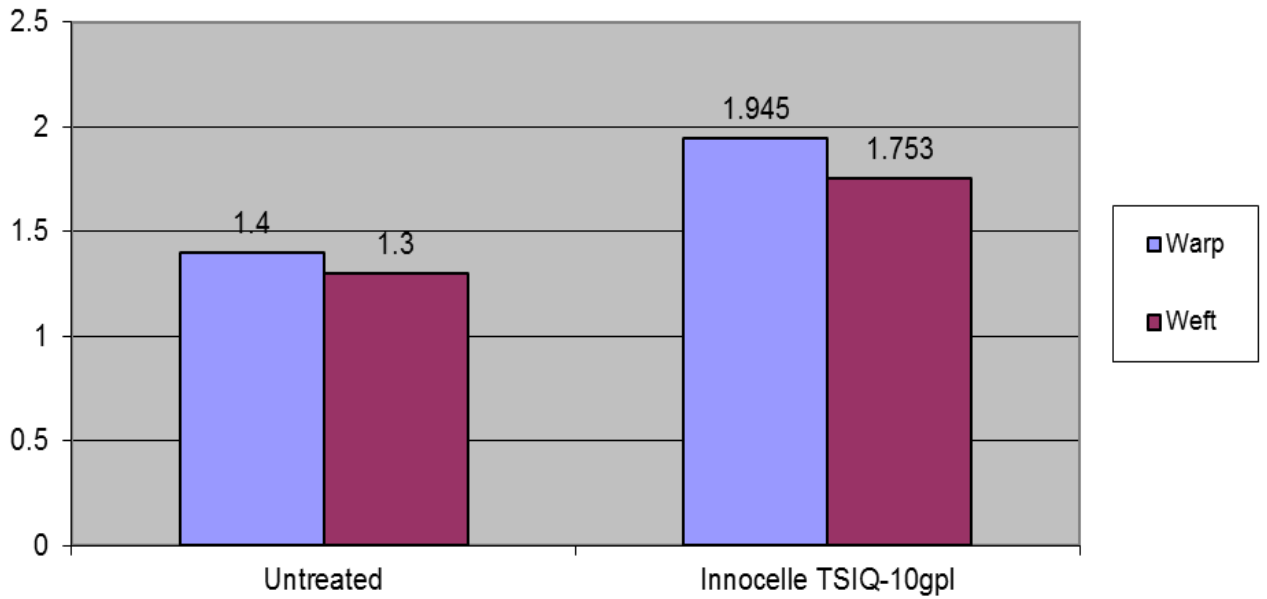
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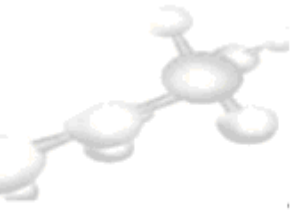
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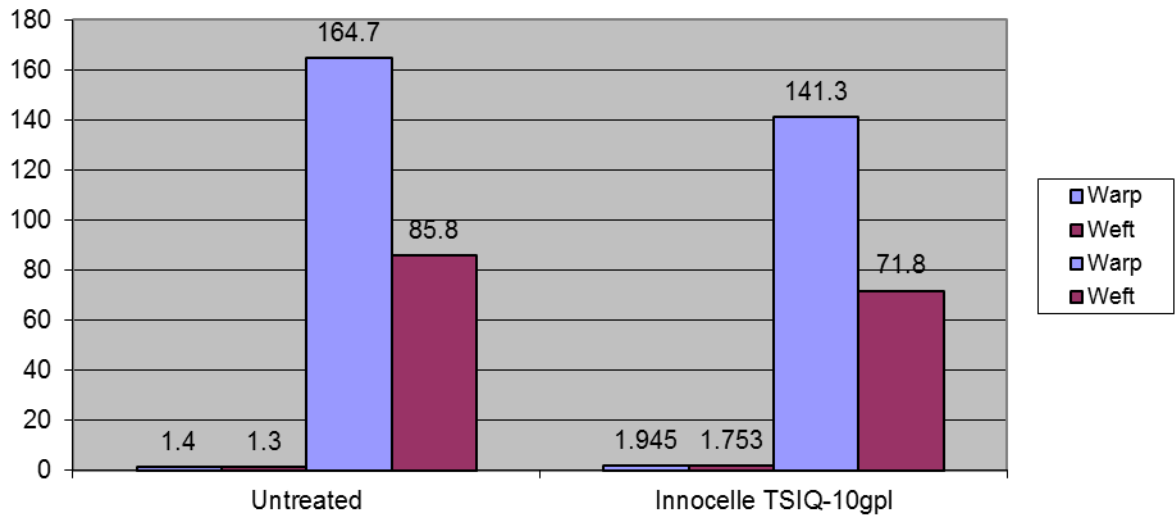


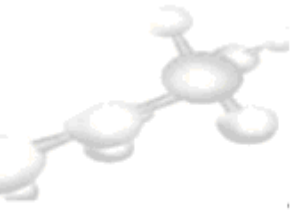
Comparison of Tear strength(Kgs) at 10 gpl dosage in plain bath





Comparison of Tensile Strength(Kgs) 10 gpl dosage in plain bath





Comparison of Tear Strength Results (Kgs) at 10 gpl dosage in Resin Package

