



Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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PRODUCT LITERATURE

POLYSOFT-55

Product Information

Polysoft-55 is a new generation softener, based on blocked silicone chemistry. It works very well on all substrates. It imparts very good surface smoothness and body break on the treated substrates. Another advantage is that it can reduce the caustic during weight reduction process of polyester. It can be applied by padding as well as by exhaust method. Being shear stable, Polysoft-55 can also be used in jet dyeing machine.

Key Features & Benefits

Key features

More Robust than
conventional silicone

Excellent Slickness

New silicone back bone

No thermomigration

Benefits

Excellent softness with very good
body breakage

Imparts both inner softness and
surface smoothness

Incomparable touch

Less migro silicone than
conventional silicone

General Characteristics

Physical appearance : Colourless to yellow transparent to hazy
liquid

Ionic nature : Cationic

pH of 1% solution : 5 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with cationic and nonionic
products

Stability : Stable to dilute acids and dilute alkalies

Application

Padding process

Dosage : 10-30 g/l
Pick-up : 65-70%

Exhaust process*

Dosage : 1-3%
Bath pH : 5.0-6.0



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Bath pH : 5.0-6.0 Bath Temp : 40-50 deg.C
Drying : 130-160 deg.C Time : 20-30 mins.

* Recommended to use post dyeing at 40-50 deg.C for 20-30 mins.

Note:

pH of bath should not exceed 6.5 (pH of bath should be acidic)

Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg C. Close lids firmly to avoid contact with air and moisture.

Shelf Life : 9 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]
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