



Sarex Chemicals

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

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218 Fax +91 22 42184350

Email tcmktg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

POLYSOFT-55

Product Information

Polysoft-55 is a new generation silicone softener and 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

Extra ordinary softness

Excellent Slickness

New silicone back bone

Benefits

Can reduce caustic during weight reduction process

Imparts both inner softness and surface smoothness

Incomparable touch

General Characteristics

Physical appearance : Colouless to yellow transparent to hazzy 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%

Bath pH : 5.0-6.0

Drying : 130-160 deg.C

Exhaust process*

Dosage : 1-3%

Bath pH : 5.0-6.0

Bath Temp : 40-50 deg.C

Time : 20-30 mins.



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* 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 : 8 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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