

TECHNICAL LITERATURE

SILTEX 30657/Extrasoft

Siltex 30657/Extrasoft is a microemulsion of amino functional silicone. It imparts an extremely soft, full and silky hand to all type of fabric

CHARACTERISTICS :

CHEMICAL NATURE	: Microemulsion of aminofunctional silicones.
APPEARANCE	: Clear to slight hazy emulsion.
CONSISTENCY	: Liquid
IONIC NATURE	: Non-Ionic.
pH	: 5 – 6.5
SOLUBILITY	: Miscible with water at all proportions.

PROPERTIES :

- Siltex 30657/Extrasoft imparts an extremely soft, full and silky hand.
- Provide outstanding lubrication of the textile's components (threads, fibres)
- Enhances elasticity and crease removal after washing.
- Improves the fabric's drape characteristics.
- APEO FREE
- Gives durable finish.
- High luster.
- Low yellowing.
- Stable to shear forces and hard water.
- Can be applied by padding and exhaust.

APPLICATIONS :

- Siltex 30657/Extrasoft can be applied by padding from 5g/l to 30g/l.
- The fabric is dried over 130°C and Cured at 180°C.
- To ensure prolong stability it is recommended that the following operating conditions are maintained:
- Do not exceed a temperature of 60°C in dilution operate in a pH range of 3 - 5.5.
- Compatibility of all products in the finishing bath should be checked prior to use.

Following are some recommendations for different qualities and Fibres:

PES/CO Fabric 65: 35 blend:

- i) Siltex 30657/Extrasoft 10 g/l
Siltex 23007 10 g/l
Siltex 30098CS 15 g/l
Pad with 70% pick up, dry at stenter at 180°C.

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ii) Siltex 30657/Extrasoft	20 g/l
Siltex 440012-APF	10 g/l
Siltex 30098CS	5 g/l

Pad with 70% pick up dry at stenter at 180°C.

PES/CO Knitted fabric 65:35 & 50:50 blend:

Siltex 30657/Extrasoft 15-20 g/l
Pad at 85% pick up; dry at 135°C for 2-3 min.

100% cotton woven fabric :

Siltex 30200/Resin	80 -120 g/l
Magnesium Chloride catalyst	25 - 35 g/l
Siltex 30657/Extrasoft	10 g/l
Siltex 440012-APF	15 g/l
Siltex 30098 CS	20 g/l
Siltex 30349/Wetol APF	0.5 g/l
Pick up	70 %

Dry and cure 150°C for 5 minutes

Polyester 100%:

Siltex 30657/Extrasoft	20-30 g/l
Siltex 440012-APF	10-15 g/l
pH	4-5
Pick up	70 – 80 %

Dry and cure 150°C for 5 minutes.

Softening of ready-to-wear clothing:

Siltex 30657/Extrasoft	1 – 2 %
Liquor ratio:	1 : 10
Temperature:	40 – 50°C
Time:	20 minutes

Hydro extracting and drying in tumbler

STORAGE AND SHELF LIFE:

When stored at ambient conditions Siltex 30657/Extrasoft has a shelf life of about 12 months from the date of manufacture.

NOTE: The information in this publication is believed to be accurate and is given in good faith; the purpose is to help our customers but do not imply any engagement on our part.