A Khatau Enterprise

INDOSOFT™ PET

Silicone Softener for Synthetic Fabric With Smooth & Fluffy Hand Feel Property

INTRODUCTION

Silicone softeners are macromolecules comprised of a polymer backbone of alternating Silicon and Oxygen atoms with organic groups attached to Silicon. Silicone's softening capability comes from the siloxane backbone's flexibility and its freedom of rotation along the Si-O bonds.

Indosoft™ PET is a silicone softener. It can be applied in the finishing process for cellulosic fabrics also but mainly it has better results on synthetic fabrics. It gives ultra-soft smooth & fluffy finish to polyester & its blends.

FEATURES

- Provides soft handle with an excellent surface smoothness.
- Suitable for synthetics.
- Negligible yellowing.
- Can be applied by exhaust as well padding methods.
- Stable to hard water.
- Durable due to its reactive group.
- Minimal shade change on coloured fabric.
- Ecological as it is free from APEO.

PROPERTIES

Appearance	Colourless to pale yellow Liquid
pH (1%)	Approx.5.0 ± 1
Ionic character	Nonionic
Compatibility with	
Cationics	Good
Anionics	Good
Non-ionics	Good
Stability to hard water	Good

SCOPE OF APPLICATION

Padding method:

5-20 g/l	Indosoft™ PET
pH	approx.6.0
Temp.	30-40°C

Exhaust method:

0.5-2%	Indosoft™ PET
pH	approx.6.0
Temp.	30-40°C

STORAGE AND HANDLING

Precautions for safe handling	Do not eat, drink or smoke while handling the product.
Conditions for safe storage	Store in a cool, dry & ventilated area away from the sources of heat.
Shelf Life	6 months.

Note: Kindly refer SDS for further information on Safety precautions, Storage & Handling.

CORPORATE OFFFICE

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