

SOFT-SDR

- Non-Yellowing Type Micro Silicone Softening Agent

SOFT-SDR, developed as a softening agent for various fibers, is a **specific modified silicone product of non-yellowing type**. It has an excellent smoothness property and especially gives good repulsive elasticity and the mild, **thin and dry touch** to fiber.

◆ SPECIFICATION	
* APPEARANCE	Translucent Liquid
* IONIC NATURE	Weak Cationic
* pH (1% aq. Sol'n)	5.5 ± 1.0
* SP.GR (at 25°C)	1.05 ± 0.05
* SOLUBILITY	Easily soluble in cold water.
* STORAGE STABILITY	Min. 1 year under cool and dry conditions when stored in original sealed, packaging.
* COMPATABILITY	Compatible with nonionic and cationic materials.
◆ FEATURES	
	1) SOFT-SDR , a softner for various fibers, is stable at high-temp. and gives good repulsive elasticity and Dry Touch to fiber.
	2) SOFT-SDR is a softener of non-yellowing type which doesn't cause a yellowing that is the defect of modified aminosilicone.
	3) SOFT-SDR has good effect on preventing intensity of fiber from deteriorating when used together with resin finishings.
	4) It imparts good stretch back and softening properties to various woven fabrics.
	5) SOFT-SDR has good storage stability and it doesn't cause gum up during a processing process.
	6) It is possible to treat fiber with even a small quantity of dyestuff, because SOFT-SDR is compatible with fluorescent dyestuff.
	7) SOFT-SDR can reduce the problems generated by inorganic salt, because it has inorganic salt resistance.
	8) SOFT-SDR shows excellent durability.
	9) It is environmental-friendly product as APEO-free and NPEO-free.



Ro Chem International SDN BHD

11-3-2, Block-I, Jalan 3/101C, Cheras Business Center
Jalan Cheras, Batu5, 56100, Kuala Lumpur, Malaysia

Cell No : +601116622841, E-mail : info@rochemint.com, www.rochemint.com

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◆ APPLICATION FIBERS

Suitable for all kinds of fibers such as Polyester, Cotton, Wool, Rayon, Acryl, T/C, T/A, N/P, etc.

◆ HOW TO USE

Recommended use levels are 10~20 g/ℓ according to kinds, density and type of fibers and an objective value.

◆ RECOMMENDED RECIPE

Generally recommended recipe is as follows but it depends on kinds of fibers and required softness.

- **SOFT-SDR** : 10~20 g/ℓ
- **SOFT-TX** : 10~20 g/ℓ
- **ANTICX-DNR** : Padding at room temperature.
- Processing method : Dry 50~80 m/min at 170~180°C after passing 3 Kg/ cm² mangle.
- Dry conditions : 70%
- Pick Up

◆ NOTICE

- 1) Keep it indoors(5~40°C) with avoiding sunlight or freezing
 - In storage at high-temp. : generation of oil spots or bad appearance of products.
 - In freezing : generation of oil spots by destruction of emulsion.
- 2) Please avoid storing for a long time.(cause of bad appearance)
- 3) Please avoid contacting directly when using **SOFT-SDR** together with other auxiliaries.

◆ PACKAGE

120 Kgs NET IN DRUMS.



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