

BR-802CR

- High-Concentrated Fluorocarbon-Based Water/Oil Repellent For Polyester And Nylon Fibers

BR-802CR is fluorocarbon-based oil/water repellent for polyester and nylon fibers, and has excellent oil/water repellent effect even by using a small amount.

◆ SPECIFICATION

* APPEARANCE	Milky White Liquid
* IONIC NATURE	Weak Cationic
* pH (as is)	3.0 ± 1.5
* SP.GR(at 25°C)	1.05 ± 0.05
* SOLUBILITY	Easily disperse 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) **BR-802CR** has excellent water/oil repelling effect on polyester and nylon fibers.
- 2) **BR-802CR** is a high-concentrated product and shows good water/oil repelling effect even with a small amount.
- 3) **BR-802CR** doesn't affect various fastnesses, and provides soft touch.
- 4) **BR-802CR** has good storage stability.
- 5) It is environmental-friendly product as APEO-free and NPEO-free.

◆ APPLICATION FIBERS

Suitable for fibers such as polyester, T/N, N/P, etc.

◆ HOW TO USE

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

Kinds of fibers	Use Concentration	Processing method	Dry conditions
Polyester	10-20 g/ℓ	Padding at room temperature	Dry 50-80 m/min at 170°C 180°C
N/P blends	15-20 g/ℓ		



Ro Chem International SDN BHD

1-3-2, 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

BR-802CR

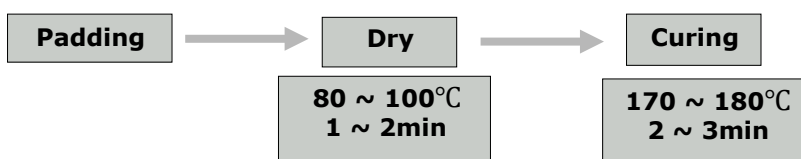
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* Adjustment method for **BR-802CR** treatment

(In using together with a penetrating agent, cross-linking resin or the other auxiliaries)

- 1) Prepare approximately water of 50%(20-30°C) of the whole capacity.
- 2) Add a required(necessary) penetrating agent, the cross-linking resin, and the other auxiliaries to (1), and thoroughly stir it.
- 3) Pre-dilute the necessary quantity of **BR-802CR** with the same quantity of water, stirring. And then mix (3) with (1) and (2).
Finally, complete the dilution, adding the remaining quantity of water till the final quantity.

* **BR-802CR** Processing method



◆ CAPABILITY OF FIBER PROCESSED WITH BR-802C

* Water-repelling capability of **BR-802C**

	Usage	Water repellency		Oil repellency	
		Initial Processing	After HL 5times	Initial Processing	After HL 5times
N/P	20 g/ℓ	100	80 ⁻	< 4	< 4
Polyester	10 g/ℓ	100	90 ⁺	5 ⁺	5
Nylon	20 g/ℓ	100	80 ⁻	4 ⁺	4

◆ NOTICE

Storage below 0°C may deteriorate its efficiency.

◆ PACKAGE

200 Kgs NET IN DRUMS.



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