

BR-703CR

- Fluorocarbon-Based Water/Oil Repellent For Cotton Fiber

BR-703CR is a fluorocarbon-based water/oil repellent for every kind of textile-processing and has good water/oil repellent effect even by using a small amount. Especially it imparts excellent water/oil repellent efficiency on Cotton.

SPECIFICATION

APPEARANCE

Milky White Liquid

IONIC NATURE

Weak Cationic

pH (1% aq. Sol'n)

6.0 ± 1.0

Dispersion (at 25°C)

1.05 ± 0.05

DISPERSIBILITY

Easily disperse in cold water.

STORAGE STABILITY

Min. 1 year under cool and dry conditions

when stored in original sealed, packaging.

COMPATIBILITY

Compatible with nonionic and cationic materials.

FEATURES

- 1) **BR-703CR** has good water/oil repellent efficiency on natural and synthetic fibers.
- 2) **BR-703CR** is a high-concentrated product and shows good water/oil repellent effect even by using a small amount.
- 3) **BR-703CR** doesn't affect various fastnesses, and provides soft touch.
- 4) **BR-703CR** has good storage stability.
- 5) It is environmental-friendly product as APEO-free and NPEO-free.

APPLICATION FIBERS

Suitable for Cotton and T/C fiber etc.

HOW TO USE

Recommended use levels are 30~50 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	5-10 g/ℓ	Padding at room temperature	Dry 50-80 m/min at 170°C180°C after passing 3 Kg/ cm ² mangle
T/C blends	15-20 g/ℓ		
N/C blends	15-20 g/ℓ		
Cotton	30-50 g/ℓ		
Nylon	10-20 g/ℓ		



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* Adjustment method for **BR-703CR** 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-703CR** 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.

