



CHEMICAL FIBER CO-POLYMER SILICONE QR-518

● Chemical Composition

New multiple block organic silicon compounds

● Technical Specification

- ☆ Appearance: yellow transparent liquid
- ☆ Ionicity: very weak cationic
- ☆ PH value: 4.5 ~ 6.5
- ☆ Solubility: Very easily dissolving in water

● Dissolving Method

- ☆ Add one part QR-518 into container first, add one part water (room temp.) while stirring, stir for 30mins until the mixture turn into transparent liquid, then add the rest 2 parts water, stir for another 30mins until fully dissolving.

● Properties

- ☆ Give fabric soft, slippery, fluffy, rebound and drape handle;
- ☆ Has very good salt and alkali resistant, anionic resistance;
- ☆ Can be re-dyed without removing the softener
- ☆ low yellowing, had good durability and soil--releasing;

● Field of Application

- ☆ Suitable for all kinds of chemical fiber of soft, slippery, fluffy and rebound finishing;
- ☆ Apply to the raising , sanding finishing of all kinds of Velvets and softening finishing of yarn, sweaters;
- ☆ Apply to softening finishing of cotton, linen, viscose and blended fabrics;
- ☆ Applicable to both dye house and washing factory

● Application

- ☆ Padding: Dosage: 20~50g/L (QR-518: water = 1:3)
Temperature: room temp. Dosage: one dip and one pad or two dips and two pads
- ☆ Dipping: Dosage: 2~10% (o.w.f) Temperature: 30~40℃
Liquor ratio: 1:10~15 Time: 30mins

● Storage and Packing

Shelf life : 12 months when store in cool, dry and shaded warehouse.
Packing : 120kg plastic drum

○ Compatibility of other auxiliaries and process need to be checked before application



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