

Hydrophilic Silicone Softener 6973

Hydrophilic silicone softener 6973 is an innovative copolymer material, it has completely new molecular structure and more 2~3 times concentrated than regular ternary copolymer silicone softener. it has excellent hand-feeling and high stability compared with traditional silicone emulsion, more easily diluted than silicone fluid.

Characteristics and advantage

- ⊙ Imparts knitted & woven fabric with obviously fluffy soft hand feeling, good loose feeling.
- ⊙ Excellent hydrophilicity.
- ⊙ Outstanding stability at wide pH and temperature range (e.g., stable up to 90°C at pH 7) and shearing ability, almost no emulsion breaking and oil spot in regular process.
- ⊙ High concentrated and can be diluted by water or directly used with low dosage.
- ⊙ Suitable for the finishing of cotton knitted fabric, towel, cotton woven fabric and its blends in padding and exhaustion process.

Basic property

Appearance: yellowish transparent liquid

pH value: 4.0~5.0 (1% aqueous solution)

Ionicity: weak cationic

Solubility: easily dissolved in water at any ratio.

Recommended dosage

⊙ Can be diluted by 1:1~3 based on demand of local market.

⊙ Directly used at low dosage

⊙ Dosage:

Exhaustion method: after dilution at 1 : 1~3, 1~4% o.w.f.

Padding method: after dilution at 1 : 1~3, 10~40g/L.

Packing & Storage

50kg or 120kg / drum

6 month in cool place and sealed container