

Solvay POLYCARE[®] BOOST Surfactant

Category : Fluid

Material Notes:

Description: Water based emulsion of a high molecular weight linear polydimethylsiloxane containing a high delivery conditioning polymer. C.T.F.A. /I.N.C.I. Name: WATER (AND) DIMETHICONE (AND) POLYQUATERNIUM-74 (AND) LAURETH-7 (AND) SODIUM BENZOATE (AND) PHENOXYETHANOL. Compatible with most surfactant solutions and water soluble polymers. Available in: Europe, Latin America and North America. Applications: Water based emulsion of a high molecular weight linear polydimethylsiloxane containing a high delivery conditioning polymer. POLYCARE[®] BOOST can be introduced easily by simple addition and dilution in water based personal care formulations. It is compatible with any kind of surfactants. It requires some viscosity or the use of a thickening polymer to be stabilized. Conventional technologies for the stabilization of the emulsion can be used, such as polysaccharide polymers, synthetic cross-linked polymers, specific association of surfactants. POLYCARE[®] BOOST allows a controlled uptake of silicone on hair. Due to its 0,4-0,9

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http://www.lookpolymers.com/polymer_Solvay-POLYCARE-BOOST-Surfactant.php

Physical Properties	Metric	English	Comments
Solids Content	50 - 55 %	50 - 55 %	1g; S001
	@Temperature 105 Â°C, Time 3600 sec	@Temperature 221 Â°F, Time 1.00 hour	
pH	2.0 - 3.0	2.0 - 3.0	at 10%; PH0102 & PH0203
Viscosity	3000 - 15000 cP	3000 - 15000 cP	

Descriptive Properties	Value	Comments
Appearance	White viscous liquid	AP0103
Composition	Acrylic acid monomer	<10 ppm, AM0101
	Aerobic Plate count	<100 cfu/ml, BA01-07
	Surfactant content	<3
Emulsion droplet size	0.4-0.9 Âµm	

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