

Solvay RHODASURF® BC-610 Surfactant

Category : Fluid

Material Notes:

Description: Iso-tridecyl alcohol ethoxylate. HLB = 11.4. Low foaming wetting agents and emulsifiers liquid formulations. Chemical Name: NONIONIC EMULSIFIERS CAS: 78330-21-9 Available in: Asia Pacific, Europe, Latin America and North America Applications: RHODASURF® BC-610 is an excellent primary nonionic surfactant, recommended especially for the emulsion polymerization of acrylic, vinyl-acrylic, and styrene-acrylic polymers. Such polymers find application in latex paints, adhesives, paper coatings and textile applications. RHODASURF® BC-610 is one of a series of Rhodia nonionic surfactants with different HLBs. Since differences in HLB affect emulsification and stabilization properties, the Rhodasurf series allows the user to select the surfactant that will provide effective particle size control, low levels of coagulum, latex stability and trouble-free commercial production. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-RHODASURF-BC-610-Surfactant.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in ³	
Solids Content	100 %	100 %	
pH	6.0 - 8.0	6.0 - 8.0	10% Solution
Viscosity	53 - 63 cP	53 - 63 cP	

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 1.0	<= 1.0	RP-0138

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.50 %	<= 0.50 %	Karl Fisher; RP-0327
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Cloudy, Free Flowing Liquid	RP-0064
Cloud Point	36-40°C	2% in Solution A, RP-0732
Gelation Temperature	2-6°C	
HLB number	11.4	
Ionic Charge	Nonionic	
Moles of Ethylene Oxide	6	

Descriptive Properties	Value	Comments
Neutralization Number	<0.5 mg KOH/g	pH 7, NP-0343

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