

Solvay RHODAFAC® RS-960 Surfactant

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Description: Most hydrophilic of RE series. Useful in emulsion polymerization and oil-emulsion print pastes. Dispersant and dye assistant. Chemical Name: POLYOXYETHYLENE TRIDECYL ETHER PHOSPHATE CAS: 9046-01-9 Available in: Asia Pacific, Europe, Latin America and North America Applications: RHODAFAC® RS-960 can be used to prepare a broad range of commercial emulsion polymers including acrylics, vinyl-acrylics and styrene-acrylics. Such polymers find application in latex paints, adhesives, paper coatings and textiles. RHODAFAC® RS-960 is typically converted to its salt form (sodium, ammonium, amine) for use in emulsion polymerization. This is usually done in-situ by neutralization of the diluted phosphate ester with the desired base. Films of polymers made with RHODAFAC® RS-960 exhibit enhanced corrosion resistance and superior heat and light stability, which makes them especially desirable for metal coating applications. The versatility of RHODAFAC® RS-960 allows it to be used with a wide range of polymerization techniques, including thermal and redox processes. When properly used in conjunction with other anionic and nonionic surfactants, RHODAFAC® RS-960 allows for the trouble-free commercial production of extremely stable emulsion polymers. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-RHODAFAC-RS-960-Surfactant.php

Physical Properties	Metric	English	Comments
Solids Content	80 %	80 %	

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 2.0	<= 2.0	RP-0138

Chemical Properties	Metric	English	Comments
Total Acid Number	90 - 100	90 - 100	KOH to First INFL. PT.; RP-0427

Processing Properties	Metric	English	Comments
Moisture Content	19 - 21 %	19 - 21 %	Karl Fisher; RP-0327
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	Clear Amber liquid	RP-0064
Composition	Free Acid (as H3PO4)	12-15%, RP-0427
	Hydroxyl of Rhodasurf TDA-50	21.4-25.4, RP-0245
Ionic Charge	Anionic	

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