

Solvay RHODAPEX® CO-436 Surfactant

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

Material Notes:

Chemical Name: AMMONIUM NONYLPHENOL ETHER SULFATE CAS: 68649-55-8 Available in: Asia Pacific, Europe, Latin America and North America Applications: RHODAPEX CO-436 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. RHODAPEX CO-436 is particularly useful in the preparation of small particle size emulsion polymers with high water resistance and excellent chemical stability. The versatility of RHODAPEX CO-436 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, RHODAPEX CO-436 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-RHODAPEX-CO-436-Surfactant.php

Physical Properties	Metric	English	Comments
Solids Content	58 %	58 %	
	60 - 64 %	60 - 64 %	Oven; RP-0540
	@Temperature 105 °C, Time 7200 sec	@Temperature 221 °F, Time 2.00 hour	
pH	6.5 - 7.5	6.5 - 7.5	10% Solution; RP-0420
Surface Tension	33 dynes/cm	33 dynes/cm	at CMC

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 5.0	<= 5.0	RPG-0138

Chemical Properties	Metric	English	Comments
Ionic Impurities - Fe (Iron)	<= 5.0 ppm	<= 5.0 ppm	O-Phenanthroline; RP-0277

Processing Properties	Metric	English	Comments
Moisture Content	20 - 25 %	20 - 25 %	Karl Fisher; RP-0327
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Appearance	Clean, Clear liquid	RP-0064
Composition	Active	58-60%, EQ. WT. 504, RP-0026
	Ethanol	12-16%, RP-0181

Descriptive Properties	Value	Comments
Ionic Charge	Anionic	
Odor	Alcoholic	RP-0359

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