

Solvay IGEPAL[®] CO 710 Surfactant

Category : Fluid

Material Notes:

Chemical Name: NONYLPHENOXY POLY(ETHYLENEOXY)ETHANOL, BRANCHEDCAS: 68412-54-4 Available in: Asia Pacific, Europe, Latin America and North America Applications: IGEPAL[®] CO-710 is an excellent primary nonionic surfactant, recommended especially for the emulsion polymerization of acrylic, vinyl acrylic, styrene butadiene and styrene acrylic polymers. Such polymers find application in latex paints, adhesives, paper coatings and textile applications. IGEPAL[®] CO-710 is one of a series of Rhodia ethoxylated alkylphenol nonionic surfactants with different HLBs. Since differences in HLB affect emulsification and stabilization properties, the Igepal 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-IGEPAL-CO-710-Surfactant.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	
Solids Content	99.5 %	99.5 %	Oven
	100 %	100 %	
pH	6.0 - 8.0	6.0 - 8.0	10% Solution
Viscosity	210 - 350 cP	210 - 350 cP	
Surface Tension	34 dynes/cm	34 dynes/cm	at CMC

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	Clear to Slightly Hazy Viscous Liquid	RP-0064
Cloud Point	70-74 [°] C	1% Solution, RP-0124
Color	<100	APHA, RP-0134
Critical Micelle Concentration	0.0005	
HLB number	13.6	
Hydroxyl Number	50-54 mg KOH/g	RP-0245
Ionic Charge	Nonionic	

Descriptive Properties	Value	Comments
Molar of Ethylene Oxide	10-11	
Neutralization Number	<0.5 mg KOH/g	pH7, RP-0343

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