

## Solvay IGEPAL® CA 210 Surfactant

Category : Fluid

**Material Notes:**

Description: Octyl phenol ethoxylate (1.5EO). Effective emulsifier for nonpolar solvents in solvent emulsion cleaners, pesticides, dry cleaning detergents and floor polishes. Nonionic dispersant and emulsifier for cosmetic formulations. Chemical Name: OCTYLPHENOXY POLY(ETHYLENEOXY)ETHANOL, BRANCHED) CAS: 9002-93-1; 7732-18-5 Available in: Asia Pacific, Europe, Latin America and North America Applications: IGEPAL® CA-210 is a 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® CA-210 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-CA-210-Surfactant.php](http://www.lookpolymers.com/polymer_Solvay-IGEPAL-CA-210-Surfactant.php)

Physical Properties	Metric	English	Comments
Density	0.990 g/cc	0.0358 lb/in <sup>3</sup>	
Viscosity	500 - 800 cP	500 - 800 cP	

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 4.0	<= 4.0	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	Clear to Slightly Hazy Liquid	RP-0064
HLB number	4.8	
Hydroxyl Number	210-225 mg KOH/g	RP-0245
Ionic Charge	Nonionic	
Neutralization Number	<0.5 mg KOH/g	pH7, RP-0343

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