

Solvay ALKAMULSÂ® B Surfactant

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

Material Notes:

Description: Ethoxylated castor oil Emulsifier for oil and waxes in water based formulations. Emulsifier for fats, oils, fatty acids, waxes and solvents. Used as dispersant for pigments and iron powders. Dispersant for pigments and iron powders in magnetic coupling fluids. Paper dye-leveling
 Identification: ETHOXYLATED OLEIC ACID CAS: 61791-12-6 C.T.F.A./INCI Name : PEG-30 CASTOR OIL Available in: Asia Pacific, Europe, Latin America and North America
 Solubility in water at 25°C (2.0g in 10 ml): Miscible (RPG66)
 Solubility: Soluble in water and most polar solvents. Insoluble in aromatic solvents.
 Solubility in Ethanol 96% at 25°C (2.0g in 10 ml): Miscible
 Applications: Emulsifier
 Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-ALKAMULS-B-Surfactant.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	
pH	7.0 - 8.5	7.0 - 8.5	5% in water; RPG02
Iodine Absorption Number	28 - 35	28 - 35	[g l/100 g]; RPG13

Thermal Properties	Metric	English	Comments
Pour Point	5.00 °C	41.0 °F	
Flash Point	>= 100 °C	>= 212 °F	

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 5.0	<= 5.0	

Processing Properties	Metric	English	Comments
Moisture Content	3.0 - 5.0 %	3.0 - 5.0 %	RPG16
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Limpid Liquid amber yellow to clear brown	
Cloud Point	70-75°C	10% in BDG 25%, RPG08
Composition	Active content	0.96
	Peroxides	<2 meq O/Kg, statistical guaranty
HLB number	11.8	

Descriptive Properties <small>Ionic Charge</small>	Value <small>Nomonic</small>	Comments
Odor	Slight characteristic	RPG31
Saponification number	64-70 mg KOH/g	RPG05

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