

Solvay ALKAMULSÂ® EL 620 Surfactant

Category : Fluid

Material Notes:

Description: Castor oil ethoxylate (30 EO) Emulsifier for fats, oils fatty acids and solvents. Maintains stability of oil-in-water emulsions over a wide temperature range as co-emulsifier with an HLB of around 12. Nonionic emulsifier for metal working formulations. Emulsifier for oils, fatty acids, solvents and waxes in water based formulations. Often used in textile lubricants, and in food contact formulations. Dispersant for pigments and iron powders in magnetic coupling fluids. Paper dye-leveling. Identification: CASTOR OIL ETHOXYLATE(30)CAS: 61791-12-6 Available in: Asia Pacific, Europe, Latin America and North America Solubility: Soluble in water Applications: ALKAMULS EL-620 is a castor oil ethoxylate with a HLB of 12. Emulsifier for oil and waxes in water based formulations. Used as dispersant or pigments and iron powders. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-ALKAMULS-EL-620-Surfactant.php

Physical Properties	Metric	English	Comments
Density	1.04 - 1.05 g/cc	0.0376 - 0.0379 lb/in ³	
pH	6.5 - 8.5	6.5 - 8.5	7% Solution
Viscosity	250 - 1000 cP	250 - 1000 cP	

Optical Properties	Metric	English	Comments
Gardner Color Number	<= 4.0	<= 4.0	RP-0138

Chemical Properties	Metric	English	Comments
Total Acid Number	<= 1.0	<= 1.0	[mg KOH/g]; RP-0616

Processing Properties	Metric	English	Comments
Moisture Content	<= 1.0 %	<= 1.0 %	Karl Fisher; RP-0327
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Clean, clear to slightly hazy liquid	RP-0064
HLB number	12	
Odor	Slight Odor	
Saponification number	73-78 mg KOH/g	RP-0496

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