

Solvay ALKAMULS[®] PSML 20 Surfactant

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

Material Notes:

Description: Sorbitan ester ethoxylate with a HLB of 16.7. Oil in water emulsifier for mineral and vegetable oils in metalworking. Solubilizer, antistat and lubricant for textile industry. Chemical Name: ETHOXYLATE SORBITAN MONOLAURATE CAS: 68154-33-6; 7732-18-5 Solubility: Mineral Oil-Insoluble; Aromatic-Soluble; Aliphatic-insoluble Available in: Asia Pacific, Europe, Latin America and North America Applications: ALKAMULS[®] PSML-20 is a polyethoxylated sorbitan monolaurate with approximately 20 moles of ethylene oxide. Emulsifier and co-emulsifier for petroleum oils, fats, solvents and waxes in cosmetics. Viscosity modifier in non-irritating shampoos. Co-emulsifier in dye carrier formulations. Spin aid for nylon and fines aid for rayon finishing. Low order of toxicity. Good emulsification characteristics, particularly in combination with high or low HLB surfactants to form W/O or O/W emulsions. Bath Product, Body Wash, Cream and Body Lotion, Deodorant, Facial Cream, Facial Cleanser, Fragrance, Liquid Soap, Shampoo, Suncare Products Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-ALKAMULS-PSML-20-Surfactant.php

Thermal Properties	Metric	English	Comments
Flash Point	$\geq 149 \text{ }^\circ\text{C}$	$\geq 300 \text{ }^\circ\text{F}$	COC; ASTM D92

Chemical Properties	Metric	English	Comments
Total Acid Number	≤ 2.0	≤ 2.0	[mg KOH/g]; RP-0008

Processing Properties	Metric	English	Comments
Moisture Content	$\leq 3.0 \%$	$\leq 3.0 \%$	Karl Fisher; RP-0327
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Clean, Clear Liquid	RP-0064
HLB number	16.7	
Hydroxyl Number	96-108 mg KOH/g	RP-0245
Saponification number	40-50 mg KOH/g	RP-0496

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