

Solvay JAGUAR® C 162 Surfactant

Category : Fluid

Material Notes:

Description: Clear grade with light hair feel. Enhanced deposition of dimethicone oil on damaged hair. **Chemical Name:** Guar Gum Derivative. **C.T.F.A./I.N.C.I. Name:** HYDROXYPROPYL GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE. **CAS:** 71329-50-5. **Solubility:** Soluble in water, gives a clear solution upon acidification. Insoluble in alcohols and oils. **Available in:** Asia Pacific, Europe, Latin America and North America. **Applications:** Jaguar C-162 is a cationic derivative of Hydroxypropyl guar with good substantivity to skin and hair. Ideally suited for skin cleansing formulation, Jaguar C-162 provides an excellent skin feel and enhances foam sensorial attributes. In bath and shower gels, liquid and syndet or combo bars; confers protection and a soft feel to the skin. Jaguar C-162 provides moderate conditioning to hair, it brings excellent foam density, improves wet and dry combability and gives a pleasant soft dry hair feel. Jaguar C-162 has a moderate aqueous viscosity and excellent compatibility with anionic and amphoteric systems. It is suitable for transparent formulation for skin and hair conditioning including shampoo, hair & body shampoo, shower gel, body wash, bar and liquid soaps. **Use levels:** 0.1 - 1%. **Note :** Viscosity develops slowly after Jaguar C-162 has been dispersed into water under stirring. More rapid viscosity development and hydration can be obtained by acidifying to pH = 3,5-5 (with citric acid for example). Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-JAGUAR-C-162-Surfactant.php

Physical Properties	Metric	English	Comments
Particle Size	50 - 90 µm	50 - 90 µm	Diameter average; AN2013
pH	8.5 - 10.5	8.5 - 10.5	1% aq. Sol.; AN3068
Brookfield Viscosity	300 - 1000 cP	300 - 1000 cP	RVT 20 rpm, spindle 2, after equilibration at 25°C for 1 h; AN2118

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Processing Properties	Metric	English	Comments
Moisture Content	<= 11.5 % @Load 0.00200 kg, Temperature 105 °C	<= 11.5 % @Load 0.00441 lb, Temperature 221 °F	AN3068
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Yellow fine powder	
Composition	Coiforms-E. Coli	Negative, AN9011

Descriptive Properties	Value	Comments
	Molds and yeasts	<100 cfu/g, AN9003
	Plate Count	<100 cfu/g, AN9011
	Pseudomonas aeruginosa	Negative, AN9002
	Staphylococcus Aureus	Negative, AN9002
	Sulfuric ashes	<6.5%, 421AN3081
Diameter	for 10% volume	<45
	for 90% volume	<150
Odor	Characteristic	
Substitution level	cationic	0.1-0.14

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