

Solvay Specialty Polymers Diofan® A 602 Polyvinylidene Chloride (PVDC)

Category : Polymer , Thermoplastic , PVDC , Polyvinyl Dichloride (PVDC)

Material Notes:

Diofan® A 602 is a water based dispersion of a polyvinylidene chloride copolymer. It is free of solvent traces, alkylphenol ethoxylates or any other toxic substances. It features strong barrier properties to water vapor and very low water absorption. Diofan® A 602 also offers very good resistance to oil and benzene. Due to a very low MFFT, this waterborne binder can be applied at low temperature as a flexible and tack free film. Features: Flame Retardant; Low to No Water Absorption; Moisture Barrier; Non-Toxic; Oil Resistant; Oxygen Barrier Uses: Barrier Coatings; Coating Applications Additional Properties: Density - 1.580 g/cm³; Density - 1.260 g/cm³; Emulsion Type - Anionic; Filmability - 5 °C; Oxygen Transmission Rate - ASTM D3985 > 1000 cm³/m²/bar/24 hr; pH - 4.0; Shelf Life - 12 month; Solids Content - 55 %; Surface Tension - 33 mN/m; Viscosity - (23°C): 19 mPa·s Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Diofan-A-602-Polyvinylidene-Chloride-PVDC.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	160 g/m ² /day	10.3 g/100 in ² /day	
	@Thickness 0.00100 mm, Temperature 38.0 °C	@Thickness 0.0000394 in, Temperature 100 °F	90% RH; ASTM F1249

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	7.00 °C	44.6 °F	DSC

Descriptive Properties	Value	Comments
Agency Ratings	EC 1907/2006 (REACH); EU No 10/2011	
Availability	Asia Pacific	
	Europe	
	Latin America	
	North America	
Color	Milky White	
Form	Liquid	

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