

Solvay Specialty Polymers Diofan® A 297 Polyvinylidene Chloride (PVDC)

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

Material Notes:

Diofan® A 297 is a latex with high surface tension for high speed processing, in particular designed for coating on plastic films, but also suitable to be applied on other substrates. Features: Moisture Barrier; Oxygen Barrier Uses: Barrier Coatings; Coating Applications Additional Properties: Density - 1.650 g/cm³; Density - 1.330 g/cm³; Emulsion Type - Anionic; Filmability - 8 to 14 °C; Heat Seal Maximum Resistance - 2.5 N/cm; Heat Seal Threshold - 111 °C; Oxygen Transmission Rate - ASTM D3985 40 cm³/m²/bar/24 hr; pH - 1.5; Shelf Life - (23°C): 10 month; Solids Content - 60 %; Surface Tension - 54 mN/m Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Diofan-A-297-Polyvinylidene-Chloride-PVDC.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	14.0 g/m ² /day	0.902 g/100 in ² /day	90% RH; ASTM F1249
	@Thickness 0.00100 mm, Temperature 38.0 °C	@Thickness 0.0000394 in, Temperature 100 °F	

Mechanical Properties	Metric	English	Comments
Coefficient of Friction, Dynamic	0.30	0.30	vs. Itself; ASTM D1894

Compliance Properties	Metric	English	Comments
FDA	Yes	Yes	

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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