

Solvay Specialty Polymers Diofan® A 736 Polyvinylidene Chloride (PVDC)

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

Material Notes:

DIOFAN® A 736 is a PVDC latex used as a flexible underlayer for coating on paper, cardboard and rigid PVC foils, to be covered with an appropriate topcoat. Features: Good Flexibility; Moisture Barrier; Oxygen Barrier Uses: Barrier Coatings; Coating Applications Additional Properties: Ball Drop Test - > 900 mm; Density - 1.300 g/cm³; Density - 1.650 g/cm³; Emulsion Type - Anionic; Filmability - 17 °C; Oxygen Transmission Rate - ASTM D3985 21 cm³/m²/bar/24 hr; pH - 2.5; Shelf Life - (23°C): 12 month; Solids Content - 600 g/kg; Surface Tension - 45 mN/m; Viscosity - (20°C): 20 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-736-Polyvinylidene-Chloride-PVDC.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	18.0 g/m ² /day	1.16 g/100 in ² /day	
	@Thickness 0.00100 mm, Temperature 38.0 °C	@Thickness 0.0000394 in, Temperature 100 °F	90% RH; ASTM F1249

Mechanical Properties	Metric	English	Comments
Tensile Impact Strength	500 kJ/m ²	238 ft-lb/in ²	ASTM D1822

Compliance Properties	Metric	English	Comments
FDA	Yes	Yes	

Descriptive Properties	Value	Comments
Agency Ratings	DMF 11383; EC 1907/2006 (REACH); EU No 10/2011	
	FDA 21 CFR 176.170; FDA 21 CFR 176.180	
Availability	Asia Pacific	
	Europe	
	Latin America	
	North America	
Form	Liquid	

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