

Solvay Specialty Polymers Diofan® B 203 Polyvinylidene Chloride (PVDC)

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

Material Notes:

Diofan® B 203 is a PVDC latex with outstanding impermeability to gases and moisture. It is particularly recommended for coatings on plastic films. Features: Moisture Barrier; Oxygen Barrier Uses: Barrier Coatings; Coating Applications Additional Properties: Density - 1.650 g/cm³; Density - 1.270 g/cm³; Emulsion Type - Anionic; Filmability - 14 Å°C; Heat Seal Maximum Resistance - 1.0 N/cm; Heat Seal Threshold - 123 Å°C; Oxygen Transmission Rate - ASTM D3985 11 cm³/m²/bar/24 hr; pH - 1.7; Shelf Life - (23Å°C): 6 month; Solids Content - 51 %; Surface Tension - 42 mN/m; Viscosity - (20Å°C): 17 mPaÅ·s Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Diofan-B-203-Polyvinylidene-Chloride-PVDC.php

Physical Properties	Metric	English	Comments
Water Vapor Transmission	11.0 g/m ² /day	0.708 g/100 in ² /day	90% RH; ASTM F1249
	@Thickness 0.00100 mm, Temperature 38.0 Å°C	@Thickness 0.0000394 in, Temperature 100 Å°F	

Mechanical Properties	Metric	English	Comments
Coefficient of Friction, Dynamic	0.35	0.35	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	Europe	
Color	Milky White	
Form	Liquid	

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