Solvay Specialty Polymers Diofan® A 036 Polyvinylidene Chloride (PVDC) (discontinued **)

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

Material Notes:

DIOFAN® A 036 is a PVDC latex used as a flexible under layer for coating on paper and cardboard, to be covered with an appropriate topcoat.Additional Information: PROCESSING - DRYING - DIOFAN® A 036 coatings, being flexible under layers, should be covered by a topcoat such as DIOFAN® A 050, which has a lower surface tension. Reverse gravure roll and air knife are suitable coating techniques. - A good quality coating requires adequate drying, since higher temperatures will result in better barrier properties. FOOD AND DRUG LEGISLATION - The monomers used for the production of DIOFAN® A 036 comply with the requirements of the EU Commission Regulation No 10/2011 of 14 January 2011. - All the components are listed in the European Resolution AP 2004 (1) (Surface coating intended to come into contact with foodstuffs). - DIOFAN® A 036 complies with U.S. FDA chapters 21 CFR 175.320, 176.170 and 176.180. - The monomers used for the production of DIOFAN® A 036 comply with the Regulation (EC) 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). - SolVin will provide necessary certification upon request by its customers. ISO CERTIFICATION - The implemented management system for the production, internal transfer and delivery, design and development of DIOFAN vinylidene chloride copolymers (PVDC) produced in Tavaux has been assessed and found to meet the requirements of ISO 9001: 2008, ISO 14001: 2004 and OHSAS 18001: 2007.Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Diofan-A-036-Polyvinylidene-Chloride-PVDC-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.31 g/cc	0.0473 lb/in ³	
	1.65 g/cc	0.0596 lb/in ³	Coating on BOPP
Solids Content	55 %	55 %	
рН	3.0	3.0	
Water Vapor Transmission	28.0 g/m²/day	1.80 g/100 in²/day	90% RH; 1 µm Coating on BOPP
	@Temperature 38.0 °C	@Temperature 100 °F	
Oxygen Transmission Rate	80.0 cc/m²/day	5.15 cc/100 in²/day	25°C, 1.0 μm, 85% RH; Coating on BOPP
Viscosity	25 cP	25 cP	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Surface Tension	37 dynes/cm	37 dynes/cm	Foaming tendency
Mechanical Properties	Metric	English	Comments
Coefficient of Friction, Dynamic	<= 0.30	<= 0.30	vs. Itself - Coating on BOPP

SONGHAN

Plastic Technology Co., Ltd.

Heat Seal Strength Initiation Mechanical Properties	Metric C	English [®]	Heat Seal Threshold; 0.4 N/cm; Comments BOPP		
Processing Properties	Metric	English	Comments		
Shelf Life	6.00 Month	6.00 Month	23°C		
Descriptive Properties	Value	Com	ments		
Agency Ratings	EC 1907/2006 (REA	EC 1907/2006 (REACH)			
	EU No 10/2011	EU No 10/2011			
	FDA 21 CFR 175.32	FDA 21 CFR 175.320			
	FDA 21 CFR 176.17	FDA 21 CFR 176.170			
	FDA 21 CFR 176.18	D			
Availability	Asia Pacific				
	Europe				
	North America				
Emulsion Type	Anionic				
Features	Good Flexibility				
Filmability	14°C	Mini	mum Film Forming Temperature		
Forms	Liquid				
Generic	PVDC				
Heat Seal Maximum Resistance	> 2.0 N/cm	Coat	ing on BOPP		
Uses	Coating Application	IS			

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com Email : sales@lookpolymers.com Tel : +86 021-51131842 Mobile : +86 13061808058 Skype : lookpolymers Address : United North Road 215,Fengxian District, Shanghai City,China