Solvay Specialty Polymers Ixan® SGA-1 Polyvinylidene Chloride (PVDC) (Unverified Data**)

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

Material Notes:

IXAN® SGA-1 is a self-adhesive coat for use on aluminium, steel and plastic films, metallised or not. This universal grade may also be used as an adhesion primer for laminating or coating on plastic films. This resin is soluble in a wide range of solvents at room temperature.Additional Information: PREPARATION OF THE SOLUTION - DRYING - IXAN® SGA-1 resin is soluble in many common solvents, among which esters and ketones are used most often. - These solvents can be used alone or in mixtures. - Solutions of IXAN® SGA-1 are clear and pale yellow. The colour intensity depends on the solvent(s) used. The resin is dissolved at a concentration of 200 to 300g/l. Solutions can be prepared at room temperature, but raising the solution temperature to 40-50°C can reduce the dissolution time. - A good quality coating requires adequate drying in order to eliminate as much of the solvents as possible, and to form a film with optimum properties. - The coating machine must be designed to process solvent-based products. DELIVERY AND STORAGE - IXAN® SGA-1 will be delivered and stored in Flexible Intermediate Bulk Containers (FIBC) or bags wrapped on pallets. To avoid degradation, store the product preferably at a constant temperature and below 25°C. REGULATORY INFORMATION - The monomers used for the production of IXAN® SGA-1 comply with the requirements of the EU Commission Regulation No. 10/2011 of 14 January 2011. - IXAN® SGA-1 complies fully with the U.S. Federal Food, Drug and Cosmetic Act and all applicable food additive regulations. - The monomers used for the production of IXAN® SGA-1 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 further certification documentation upon request 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-Ixan-SGA-1-Polyvinylidene-Chloride-PVDC-nbspUnverified-Data.php

Physical Properties	Metric	English	Comments
Bulk Density	0.500 g/cc	0.0181 lb/in³	
Density	1.650 g/cc	0.05961 lb/in³	Coating
Volatiles	<= 1.5 %	<= 1.5 %	
Water Vapor Transmission	150 g/m²/day @Temperature 38.0 °C	9.66 g/100 in²/day @Temperature 100 °F	90% RH; 1 µm
Oxygen Transmission Rate	250 cc/m²/day	16.1 cc/100 in²/day	25°C, 1.0 µm, 85% RH
Viscosity	60 cP @Temperature 20.0 °C	60 cP @Temperature 68.0 °F	

Mechanical Properties	Metric	English	Comments
Heat Seal Strength Initiation	115 °C	239 °F	Heat Seal Threshold; 0.4 N/cm; 20

Mechanical Properties	Metric	English	Comments
Temperature			PSI - 1s - 1 heated jaw

Descriptive Properties	Value	Comments
Agency Ratings	EC 1907/2006 (REACH)	
	EU No 10/2011	
Appearance	White	
	White powder	
Availability	Asia Pacific	
	Europe	
	North America	
Forms	Powder	
Generic	PVDC	
Heat Seal Maximum Resistance	0.75 N/cm	Coating on BOPP
Solvents	Common solvents	
Turbidity	77.0 µA	24 hr
Uses	Coating Applications	

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