

Solvay Specialty Polymers Diofan® P 520 Polyvinylidene Chloride (PVDC)

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

Material Notes:

Diofan® P 520 is a one-component, water-based dispersion of a polyvinylidene chloride (PVDC) copolymer. It is free of solvent traces, alkylphenol ethoxylates or any other toxic substances. Due to its low oxygen and water vapor permeabilities along with low water absorption, Diofan® P 520 is an outstanding protective copolymer used in a broad variety of formulations that are specific to end-use requirements. This material was developed to adhere on metal and to remain flexible when exposed to a broad range of end-use temperatures over time. This makes it an ideal binder for one-component, air drying, waterborne formulated paints and coatings where long-lasting protection of the substrate is targeted. Features: Flame Retardant; Good Adhesion; Good Chemical Resistance; Low VOC; Moisture Barrier; Non-Toxic; Oxygen Barrier Uses: Coating Applications; Protective Coatings Additional Properties: Density - 1.260 g/cm³; Emulsion Type - Anionic; Filmability - 10 Å°C; pH - 1.5; Shelf Life - 6 month; Solids Content - 56 %; Surface Tension - 45 mN/m Information provided by Solvay Specialty Polymers.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-Diofan-P-520-Polyvinylidene-Chloride-PVDC.php

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	14.0 Å°C	57.2 Å°F	DSC

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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