

Diofan® A 602

Polyvinylidene Chloride

Solvay Specialty Polymers

Message:

DIOFAN® A602 is an aqueous dispersion of polyvinylidene chloride copolymer. It does not contain solvents, alkylphenol polyoxyethylene ethers or any other toxic substances.

It has strong water vapor barrier performance and extremely low water absorption. DIOFAN® A602 also has very good oil resistance and benzene resistance. Since the MFFT is very low, this aqueous adhesive can be applied to a flexible, non-tacky thin upper film at low temperatures.

DIOFAN® A602, as a chlorine-based latex, also combines fire and flame retardant properties. End use:

Barrier and Sealing Coatings

flame retardant coatings

fiber and textile coatings

The substrate can be concrete, cement, wood, gypsum, paper, and fiberboard.

General Information			
Features	Moisture proof		
	Oil resistance		
	Non-toxic		
	Low or no water absorption		
	Flame retardancy		
	Oxygen barrier		
Uses	Barrier Coatings		
	Coating application		
Agency Ratings	EC 1907/2006 (REACH)		
	Europe No 10/2011		
Appearance	milky white		
Forms	Liquid		
Physical	Nominal Value	Unit	
pH	4.0		
Surface Tension	33	mN/m	
Film formation-Minimum film forming temperature	5	°C	
Solids Content	55	%	
Density			
Dispersion (wet)	1.260	g/cm³	
Coating (dry)	1.580	g/cm³	
Emulsion type	anion		
Viscosity-Shear gradient 250 seconds -1(23°C)	19	mPa·s	
Oxygen transfer rate-(25°C, 0% RH, 1 µm)	> 1000	cm³/m²/bar/24 hr	ASTM D3985

Shelf Life	12	month	
Films	Nominal Value	Unit	Test Method
Water Vapor Transmission Rate (38°C, 90% RH, 1.0 µm)	160	g/m ² /24 hr	ASTM F1249
Thermal	Nominal Value	Unit	
Glass Transition Temperature ¹	7.00	°C	
Additional Information	Nominal Value	Unit	

配送及存放

DIOFAN® A602 一般以液态或中型散装容器(IBC)的形式供应.液态乳胶存放于不锈钢,HDPE,硬质PVC或玻纤增强聚酯制成的贮存器.特别要避免金属,如铁,锌,铝,铜以及合金如黄铜和青铜与分散体接触.为防止蒸发干燥,应保持容器密闭.为避免降解,产品存放温度最好在10和25°C之间.

法规信息

DIOFAN® A602生产用单体符合2011年1月14日欧盟委员会条例第10 / 2011的要求.

DIOFAN® A602 完全符合美国联邦食品,药品,化妆品法案及所有食品添加剂适用条例.

DIOFAN® A602 生产用单体符合欧洲议会(EC)签署的1907 /

2006法规及其理事会于2006年12月18日签署的有关的化学品注册,评估,授权和限制法规(REACH).

SolVin将根据需要提供进一步认证文件.

ISO 认证:

在Tavaux生产的DIOFAN偏二氯乙烯共聚物(PVDC)的生产,内部转移及交付,设计和开发管理体系的实施经评估,符合 ISO 9001: 2008, ISO 14001: 2004 和OHSAS18001:007的要求.

NOTE

1. Films

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