

Diofan® A 610

Polyvinylidene Chloride

Solvay Specialty Polymers

Message:

DIOFAN®A610 is an aqueous dispersion of polyvinylidene chloride copolymer. Does not contain solvents, alkylphenol polyoxyethylene ethers or any other toxic substances.

has strong water vapor barrier performance is low. DIOFAN®A610 is a latex with high surface tension. After adding convenient surfactant, high-quality coating can be obtained. After adding coalescant, it is helpful to form film at low temperature (<10 °C).

DIOFAN®A610, 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		
	Non-toxic		
	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	1.5		
Surface Tension	54	mN/m	
Film formation-Minimum film forming temperature	11	°C	
Solids Content	60	%	
Density			
Coated film (dry)	1.650	g/cm ³	
Dispersion (wet)	1.330	g/cm ³	
Emulsion type	anion		
Oxygen transfer rate-(25°C, 85% RH, 1.0 µm)	40	cm ³ /m ² /bar/24 hr	ASTM D3985
Shelf Life	10	month	
Films	Nominal Value	Unit	Test Method
Water Vapor Transmission Rate (38°C, 90% RH, 1.0 µm)	14	g/m ² /24 hr	ASTM F1249

Thermal	Nominal Value	Unit
Glass Transition Temperature ¹	16.0	°C
Additional Information	Nominal Value	Unit

配送及存放

DIOFAN® A610 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® A610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® A610 完全符合美国联邦食品,药品,化妆品法案规定及所有食品添加剂适用条例.

DIOFAN® A610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:

经评估,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,符合 ISO 9001: 2008, ISO 14001: 2004 和OHSAS18001:007的要求.

NOTE

1. Films

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