

Diofan® A 736

Polyvinylidene Chloride

Solvay Specialty Polymers

Message:

DIOFAN®A 736 is a PVDC latex, suitable as a tough bottom layer, used under the coating of paper, cardboard or hard PVC film, and then covered with appropriate surface coating.

General Information			
Features	Moisture proof		
	Good flexibility		
	Oxygen barrier		
Uses	Barrier Coatings		
	Coating application		
Agency Ratings	DMF 11383		
	EC 1907/2006 (REACH)		
	FDA 21 CFR 176.170		
	FDA 21 CFR 176.180		
	Europe No 10/2011		
Forms	Liquid		
Physical	Nominal Value	Unit	
pH	2.5		
Surface tension-Foaming trend	45	mN/m	
Film formation-Minimum film forming temperature	17	°C	
Solids Content	600	g/kg	
Density			
--	1.300	g/cm ³	
Coating ¹	1.650	g/cm ³	
Emulsion type	anion		
Viscosity (20°C)	20	mPa·s	
Oxygen transfer rate-(25°C, 85% RH, 1.0 µm) ²	21	cm ³ /m ² /bar/24 hr	ASTM D3985
Shelf life (23°C)	12	month	
Steel ball drop test	> 900	mm	
Films	Nominal Value	Unit	Test Method
Water Vapor Transmission Rate ³ (38°C, 90% RH, 1.0 µm)	18	g/m ² /24 hr	ASTM F1249
Impact	Nominal Value	Unit	Test Method

Tensile Impact Strength ⁴	500	kJ/m ²
Additional Information	Nominal Value	Unit
加工- 干燥 DIOFAN® A 736 具有中等表面张力,可以采用不同的涂布技术,包括逆向凹版辊涂法和气刀法. 高品质涂层需要适当的干燥手段,因为高温有助于更好的阻隔性能. 食品及药品法规 DIOFAN® A 736 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. 所有元素均在欧洲决策委员会AP 2004(1) (计划与食品接触的表面涂层)中列出. -DIOFAN® A 736药品主控文件编号为11383-DIOFAN® A 736 符合美国FDA第 21 CFR 175.320, 176.170和 176.180章规定. DIOFAN® A 736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.	Coating performance: 40g/m PVDC coated on 250 µmPVC, 23°C, 50% RH for 6 months	
2.	Coating properties: 40 g/m ² PVDC coating on PVC 250 µm stored 6 months at 23 °C, 50% RH	
3.	Coating performance: 40g/m PVDC coated on 250 µmPVC, 23°C, 50% RH for 6 months	
4.	Coating performance: 40g/m PVDC coated on 250 µmPVC, 23°C, 50% RH for 6 months	

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