

Vistamaxx™ 6102FL

Performance Polymer

ExxonMobil Chemical

Message:

Vedamel 6102FL high-performance polymer is an olefin-based elastomer produced by ExxonMobil Chemical using proprietary metallocene catalytic technology. It is mainly composed of isotactic polypropylene repeating monomers and randomly distributed ethylene. "FL" means that this product has passed ExxonMobil Chemical's film appearance test in terms of crystal points and meets the requirements of high-performance film applications ("A" standard).

General Information			
Uses	Packaging		
	Films		
	Composite		
RoHS Compliance		RoHS compliance	
Forms		Particle	
Physical	Nominal Value	Unit	Test Method
Density ¹	0.862	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) ² (190°C/2.16 kg)	1.4	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	66		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Fracture	> 6.89	MPa	ASTM D638
100% strain	1.94	MPa	ASTM D638
300% strain	2.24	MPa	ASTM D638
Tensile Elongation (Break)	> 2000	%	ASTM D638
Flexural Modulus - 1% Secant	12.3	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	34.3	kN/m	ASTM D624

Additional Information

按照 FDA 食品接触物质通告 (FCN) 第 832 部分,本产品可在 21 CFR 176.170(c) 表 2 中所述的 B - H 使用条件下用作与所有类型食品接触的材料或其组成部分。本产品所用的基础树脂是中国关于食品包装材料用树脂的肯定列表(2011 年 10 月 11 日由中国卫生部签发)中所列的树脂;而且,本产品中可能使用的添加剂 也符合中华人民共和国国家标准 GB9685-2008(即食品容器,包装材料用添加剂使用卫生标准)。欧盟注释:本产品的成分符合欧盟规范 10/2011 关于食品接触的要求。请与客户服务部联系,索取包含更多详细信息的正式食品法规证书。有关耐化学性方面的数据,请参阅技术文献 (TL) “威达美高性能聚合物的耐化学 品性能”。

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NOTE

1. Properties are expressed in commonly used units of measurement.

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3.	C mould

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