

Vistamaxx™ 7010FL

Performance Polymer
ExxonMobil Chemical

Message:

Vedamel 7010FL 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	Hygiene		
	Packaging		
	Films		
	Composite		
	Personal care		
	Medical/nursing supplies		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.861	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) ² (190°C/2.16 kg)	1.3	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Fracture	> 6.89	MPa	ASTM D638
100% strain	1.85	MPa	ASTM D638
300% strain	2.12	MPa	ASTM D638
Tensile Elongation (Break)	> 2000	%	ASTM D638
Flexural Modulus - 1% Secant	11.3	MPa	ASTM D790
Additional Information			
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NOTE			
1.	Properties are expressed in commonly used units of measurement.		

2.

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