

Vistamaxx™ 3000

Performance Polymer

ExxonMobil Chemical

Message:

Vedamel 3000 high performance polymer is an olefin-based elastomer produced by ExxonMobil Chemical using proprietary metallocene catalytic technology. It has moderate elasticity, is easy to process, and is compatible with various hydrocarbon-based polymers. It is supplied in the form of granules.

General Information			
Uses	Packaging		
	Films		
	Composite		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.873	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) ² (190°C/2.16 kg)	3.6	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	33		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	5.22	MPa	ASTM D638
Fracture	17.1	MPa	ASTM D638
100% strain	4.59	MPa	ASTM D638
300% strain	4.51	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	48	%	ASTM D638
Fracture	1900	%	ASTM D638
Flexural Modulus - 1% Secant	59.3	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	62.3	kN/m	ASTM D624
Additional Information			

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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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