

Vistamaxx™ 6102

Performance Polymer
ExxonMobil Chemical

Message:

Vedamel 6102 high performance polymer is an olefin-based elastomer produced by ExxonMobil Chemical using proprietary metallocene catalytic technology. It has excellent elasticity, is easy to process, and can be compatible with various materials. It is especially suitable for thermoplastic polyolefin mixtures and can achieve a balance between flexibility, transparency and impact resistance.

General Information			
Uses	Packaging		
	Films		
	Composite		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.862	g/cm³	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			

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NOTE	

1.	Properties are expressed in commonly used units of measurement.
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2.	Properties are expressed in commonly used units of measurement.
3.	C mould

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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