

Vistamaxx™ 6502

Performance Polymer
ExxonMobil Chemical

Message:

Vistamaxx 6502 is primarily composed of isotactic propylene repeat units with random ethylene distribution, and is produced using ExxonMobil's proprietary metallocene catalyst technology.

General Information			
Uses	Composite		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.865	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) ²			ASTM D1238
190°C/2.16 kg	20	g/10 min	ASTM D1238
230°C/2.16 kg	48	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	71		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Fracture	> 9.65	MPa	ASTM D638
100% strain	2.71	MPa	ASTM D638
300% strain	2.83	MPa	ASTM D638
Tensile Elongation (Break)	> 1900	%	ASTM D638
Flexural Modulus - 1% Secant	20.5	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	38.4	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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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

