

Vistamaxx 6502

Propylene Elastomer

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

Physical	Typical Value	(English)	Typical Value2	(SI)	Test Based On
Density 2	0.865	g/cm ³	0.865	g/cm ³	ExxonMobil Method
Melt Index 2 (190°C/2.16 kg)	21	g/10 min	21	g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) 2 (230°C/2.16 kg)	45	g/10 min	45	g/10 min	ExxonMobil Method
Ethylene Content	13	wt%	13	wt%	ExxonMobil Method
Hardness	Typical Value	(English)	Typical Value	(SI)	Test Based On
Durometer Hardness (Shore A)	71		71		ExxonMobil Method
Mechanical	Typical Value	(English)	Typical Value	(SI)	Test Based On
Tensile Stress at 100%	400	psi	2.8	MPa	ExxonMobil Method
Tensile Stress at 300%	430	psi	2.9	MPa	ExxonMobil Method
Tensile Strength at Break	> 1100	psi	> 7.6	MPa	ExxonMobil Method
Elongation at Break	> 800	%	> 800	%	ExxonMobil Method
Flexural Modulus - 1% Secant	3000	psi	20	MPa	ExxonMobil Method
Elastomers	Typical Value	(English)	Typical Value	(SI)	Test Based On
Tear Strength (Die C)	232	lbf/in	40.6	kN/m	ExxonMobil Method
Thermal	Typical Value	(English)	Typical Value	(SI)	Test Based On
Vicat Softening Temperature	125	°F	51.4	°C	ExxonMobil Method
Additional Information					
Please contact Customer Service for food law compliance information.					

Availability: Africa & Middle East , Asia Pacific , Latin America , North America.

Applications : Compounding , Injection Molding , Polymer Modification.

Uses : Compounding.

RoHS Compliance: RoHS Compliant

Form(s) : Pellets.

Producer: EXXONMOBIL.America.