

## Vistamaxx 6102

### Performance Polymer

Physical	Typical Value	(English)	Typical Value	(SI)	Test Based On
Density <sup>2</sup>	0.862	g/cm <sup>3</sup>	0.862	g/cm <sup>3</sup>	ASTM D1505
Melt Index <sup>2</sup> (190°C/2.16 kg)	1.4	g/10 min	1.4	g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) <sup>2</sup>	3	g/10 min	3	g/10 min	ExxonMobil Method
Ethylene Content	16	wt%	16	wt%	ExxonMobil Method
Hardness	Typical Value	(English)	Typical Value	(SI)	Test Based On
Durometer Hardness (Shore A)	66		66		ASTM D2240
Mechanical	Typical Value	(English)	Typical Value	(SI)	Test Based On
Tensile Stress at 100%	282	psi	1.94	MPa	ASTM D638
Tensile Stress at 300%	325	psi	2.24	MPa	ASTM D638
Tensile Strength at Break	> 1000	psi	> 6.89	MPa	ASTM D638
Tensile Set	18	%	18	%	ExxonMobil Method
Elongation at Break	> 2000	%	> 2000	%	ASTM D638
Flexural Modulus - 1% Secant	1790	psi	12.3	MPa	ASTM D790
Elastomers	Typical Value	(English)	Typical Value	(SI)	Test Based On
Tear Strength (Die C)	196	lbf/in	34.3	kN/m	ASTM D624
Thermal	Typical Value	(English)	Typical Value	(SI)	Test Based On
Vicat Softening Temperature	126	°F	52.2	°C	ExxonMobil Method

#### Product Description:

Vistamaxx 6102 is primarily composed of isotactic propylene repeat units with random ethylene distribution, and is produced using ExxonMobil's proprietary metallocene catalyst technology.

It has excellent elastomeric properties, is easy to process and is compatible with a wide variety of materials. It is particularly good for thermoplastic and polyolefinic blends where a balance of flexibility, transparency and impact performance is required.

**Applications:** Blown Film , Blown Molded Goods , Calendered Profiles , Cast Film , Extruded Profiles , PP/TPE Modification.

**Uses:** RoHS , Compliant.

**Producer:** EXXONMOBIL. America.

 021-40660017-20

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