

Vistamaxx™ 7020BF

Performance Polymer

Product Description

Vistamaxx 7020BF is a semi-crystalline copolymer of propylene and ethylene 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.

Key Features

- Improved color stability in polypropylene blends for nonwoven fabrics.
- Excellent adhesion to conventional or metallocene PP and PE.
- Very good elasticity and toughness.
- Particularly good for thermoplastic and polyolefinic blends where a balance of flexibility, transparency and impact performance is required.

General

Applications	▪ Nonwovens	▪ PP Modifications
Uses	▪ Compounding	▪ Nonwovens
	▪ Hygiene	▪ Personal Care
RoHS Compliance	▪ RoHS Compliant	
Form(s)	▪ Pellets	

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Density ²	0.863 g/cm ³	0.863 g/cm ³	ASTM D1505
Melt Index ² (190°C/2.16 kg)	9.0 g/10 min	9.0 g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) ²	20 g/10 min	20 g/10 min	ExxonMobil Method
Ethylene Content	15 wt%	15 wt%	ExxonMobil Method

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at 100%	284 psi	1.96 MPa	ASTM D638
Tensile Stress at 300%	415 psi	2.86 MPa	ASTM D638
Tensile Strength at Break	> 796 psi	> 5.49 MPa	ASTM D638
Elongation at Break	> 800 %	> 800 %	ASTM D638
Flexural Modulus - 1% Secant	2000 psi	13.8 MPa	ASTM D790

Elastomers	Typical Value (English)	Typical Value (SI)	Test Based On
Tear Strength (Die C)	176 lbf/in	30.9 kN/m	ASTM D624

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	116 °F	46.5 °C	ExxonMobil Method

