

Vistamaxx™ 7810

Performance Polymer

ExxonMobil Chemical

Message:

Vistamaxx 7810 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	Hygiene Films Personal care		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.859	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) ²			ASTM D1238
190°C/2.16 kg	1.8	g/10 min	ASTM D1238
230°C/2.16 kg	4.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Fracture	> 4.83	MPa	ASTM D638
100% strain	1.50	MPa	ASTM D638
300% strain	1.87	MPa	ASTM D638
Tensile Elongation (Break)	> 800	%	ASTM D638
Flexural Modulus - 1% Secant	8.85	MPa	ASTM D790

Legal statement

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NOTE

1. Properties are expressed in commonly used units of measurement.

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