



Elastamax™ TM0200-0085 Black

Thermoplastic Polyolefin Elastomer

Key Characteristics

Product Description

PolyOne's Elastamax™ XL thermoplastic olefins (TPOs) are based on pelletized blends of polyolefin resins and select elastomers such as EPDM. These materials have been engineered to provide a balance of physical properties and processability, and are an economical alternative to traditional thermoset rubber and more costly thermoplastic elastomers.

General

Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• UV Stabilizer		
Features	• General Purpose		
Uses	• Automotive Applications • Construction Applications	• General Purpose • Industrial Applications	
Forms	• Pellets		

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	1.03	1.03	ASTM D792
Melt Mass-Flow Rate (MFR)	15 g/10 min	15 g/10 min	ASTM D1238
Elastomers	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ² (Break)	1400 psi	9.65 MPa	ASTM D412A
Tensile Elongation ² (Break)	700 %	700 %	ASTM D412A
Tear Strength ³	340 lbf/in	59.5 kN/m	ASTM D624
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact	5.4 ft·lb/in	290 J/m	ASTM D256
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore A, 10 sec)	89	89	ASTM D2240

Notes

¹ Typical values are not to be construed as specifications.

² 20 in/min (510 mm/min)

³ Die C, 20 in/min (510 mm/min)

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