

PolyOne Elastamax™ TM0200-0085 Black Thermoplastic Polyolefin Elastomer (TPO (POE))

Category : Polymer , Thermoplastic , Elastomer, TPE , Olefinic TPE

Material Notes:

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. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Elastamax-TM0200-0085-Black-Thermoplastic-Polyolefin-Elastomer-TPO-POE.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 g/cc	ASTM D792
Melt Flow	15 g/10 min	15 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89	89	10 sec; ASTM D2240
Tensile Strength at Break	9.65 MPa	1400 psi	510 mm/min; ASTM D412A
Elongation at Break	700 %	700 %	510 mm/min; ASTM D412A
Izod Impact, Notched	2.90 J/cm	5.43 ft-lb/in	ASTM D256
Tear Strength	59.5 kN/m	340 pli	Die C, 510 mm/min; ASTM D624

Descriptive Properties	Value	Comments
Additive	UV Stabilizer	
Features	General Purpose	
Forms	Pellets	
Generic Material	TPO (POE)	
Generic Name	Thermoplastic Polyolefin Elastomer (TPO (POE))	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	

Descriptive Properties	Value	Comments
	Automotive Applications	
	Construction Applications	
	General Purpose	
	Industrial Applications	

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