

Polymax® Maxelast® C4905 TPE, Transparent

Category : Polymer , Thermoplastic , Elastomer , TPE

Material Notes:

Polymax's TPE material complies with UL, VDE, FDA, RoHS and PAH's standards. Uses: Consumer Products Toys & Novelties Auto Parts Sporting Goods Wire & Cable Electronics Medical Devices Plastic Toughening Information from Alliance Polymers & Services, Distributor of Nantong Elastomer Technology Co.Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polymax-Maxelast-C4905-TPE-Transparent.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.872 g/cc	0.872 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	5.0	5.0	ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Hardness, Shore C	32	32	ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Stress	0.130 MPa	18.9 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
Tensile Strength, Yield	0.250 MPa	36.3 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Tensile Strength, Yield	1.06 MPa	154 psi	ASTM D412
Elongation at Break	940 %	940 %	ASTM D412

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

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