

Polymax® Maxelast® C4945 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-C4945-TPE-Transparent.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.902 g/cc	0.902 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Stress	4.79 MPa	695 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
Tensile Strength, Yield	6.18 MPa	896 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Tensile Strength, Yield	7.45 MPa	1080 psi	ASTM D412
Elongation at Break	630 %	630 %	ASTM D412

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

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