

Polymax® Maxelast® P1945 TPE, PP Overmold or Standalone use

Category : Polymer , Thermoplastic , Elastomer, TPE , Polypropylene (PP)

Material Notes:

Polymax's TPE material complies with UL, VDE, FDA, RoHS and PAH's standards. Uses: Consumer Products Toys & Novelties Auto Parts Tool Hand Grips 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-P1945-TPE-PP-Overmold-or-Standalone-use.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 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	1.64 MPa	238 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
Tensile Strength, Yield	2.68 MPa	389 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Elongation at Break	6.03 MPa	875 psi	ASTM D412
	950 %	950 %	ASTM D412

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