

## Polymax® Maxelast® P3970H TPE, PP Overmold or Standalone use

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 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-P3970H-TPE-PP-Overmold-or-Standalone-use.php](http://www.lookpolymers.com/polymer_Polymax-Maxelast-P3970H-TPE-PP-Overmold-or-Standalone-use.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.922 g/cc	0.922 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	71	71	ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Stress	4.61 MPa	669 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
Tensile Strength, Yield	5.85 MPa	848 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Tensile Strength, Yield	7.72 MPa	1120 psi	ASTM D412
Elongation at Break	450 %	450 %	ASTM D412

## Contact Songhan Plastic Technology Co.,Ltd.

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