

## Polymax® Maxelast® S4670 TPE, PS Overmold

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 Sporting Goods 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-S4670-TPE-PS-Overmold.php](http://www.lookpolymers.com/polymer_Polymax-Maxelast-S4670-TPE-PS-Overmold.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.21 g/cc	1.21 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Stress	4.98 MPa	722 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Tensile Strength, Yield	5.50 MPa	798 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
Tensile Strength, Yield	6.30 MPa	914 psi	ASTM D412
Elongation at Break	310 %	310 %	ASTM D412

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