

Polymax® Maxelast® S4845 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-S4845-TPE-PS-Overmold.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.02 g/cc	1.02 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	2.01 MPa	292 psi	ASTM D412
	@Strain 100 %	@Strain 100 %	
	3.24 MPa	470 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Tensile Strength, Yield	4.89 MPa	709 psi	ASTM D412
Elongation at Break	710 %	710 %	ASTM D412

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