

Polymax® Maxelast® A9855B TPE, ABS/PC 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 Auto Parts Tool Hand Grips Sporting Goods Wire & Cable Electronics Medical Devices 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-A9855B-TPE-ABSPC-Overmold.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 | 55 | 55 | ASTM D2240 |
| | @Time 10.0 sec | @Time 0.00278 hour | |
| Tensile Stress | 3.35 MPa | 486 psi | ASTM D412 |
| | @Strain 100 % | @Strain 100 % | |
| Tensile Strength, Yield | 4.70 MPa | 682 psi | ASTM D412 |
| | @Strain 300 % | @Strain 300 % | |
| Tensile Strength, Yield | 5.00 MPa | 725 psi | ASTM D412 |
| Elongation at Break | 390 % | 390 % | ASTM D412 |

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