

## Polymax® Maxelast® P3838 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-P3838-TPE-PP-Overmold-or-Standalone-use.php](http://www.lookpolymers.com/polymer_Polymax-Maxelast-P3838-TPE-PP-Overmold-or-Standalone-use.php)

| Physical Properties | Metric     | English    | Comments  |
|---------------------|------------|------------|-----------|
| Specific Gravity    | 0.972 g/cc | 0.972 g/cc | ASTM D792 |

| Mechanical Properties   | Metric         | English            | Comments   |
|-------------------------|----------------|--------------------|------------|
| Hardness, Shore A       | 41             | 41                 | ASTM D2240 |
|                         | @Time 10.0 sec | @Time 0.00278 hour |            |
| Tensile Stress          | 1.00 MPa       | 145 psi            | ASTM D412  |
|                         | @Strain 100 %  | @Strain 100 %      |            |
| Tensile Strength, Yield | 2.10 MPa       | 305 psi            | ASTM D412  |
|                         | @Strain 300 %  | @Strain 300 %      |            |
| Tensile Strength, Yield | 5.95 MPa       | 863 psi            | ASTM D412  |
| Elongation at Break     | 710 %          | 710 %              | ASTM D412  |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China