

## Multibase Multi-Flex<sup>®</sup> TPE A 5002 BLK

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

### Material Notes:

The burn rate is 1 in/min (25 mm/min) based on ASTM FM VSS 302. Multi-Flex TPE contains Kraton<sup>®</sup>,ç G.Data provided by Multibase.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Flex-TPE-A-5002-BLK.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPE-A-5002-BLK.php)

| Physical Properties   | Metric             | English                    | Comments                  |
|-----------------------|--------------------|----------------------------|---------------------------|
| Density               | 1.075 g/cc         | 0.03884 lb/in <sup>3</sup> | ASTM D792                 |
| Linear Mold Shrinkage | 0.013 cm/cm        | 0.013 in/in                | ASTM D955                 |
| Melt Flow             | 2.0 - 5.0 g/10 min | 2.0 - 5.0 g/10 min         | (Condition L) ASTM D-1238 |

| Mechanical Properties      | Metric        | English      | Comments            |
|----------------------------|---------------|--------------|---------------------|
| Hardness, Shore A          | 50            | 50           | 10 sec; ASTM D-2240 |
| Tensile Strength, Ultimate | >= 3.62 MPa   | >= 525 psi   | ASTM D412           |
| Elongation at Break        | >= 600 %      | >= 600 %     | ASTM D412           |
| Tear Strength              | >= 20.14 kN/m | >= 114.9 pli | ASTM D624           |

## Contact Songhan Plastic Technology Co.,Ltd.

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