

## Multibase Multi-Flex® TPE D 5010

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

**Material Notes:**

Multi-Flex TPE contains Kraton™ G.Data provided by Multibase.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Flex-TPE-D-5010.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPE-D-5010.php)

| Physical Properties   | Metric      | English                   | Comments                  |
|-----------------------|-------------|---------------------------|---------------------------|
| Density               | 1.87 g/cc   | 0.0676 lb/in <sup>3</sup> | ASTM D792                 |
| Linear Mold Shrinkage | 0.010 cm/cm | 0.010 in/in               | ASTM D955                 |
| Melt Flow             | 15 g/10 min | 15 g/10 min               | (Condition L) ASTM D-1238 |

| Mechanical Properties      | Metric    | English  | Comments                     |
|----------------------------|-----------|----------|------------------------------|
| Hardness, Shore D          | 50        | 50       | 10 sec; ASTM D-2240          |
| Tensile Strength, Ultimate | 7.50 MPa  | 1090 psi | ASTM D412                    |
| Elongation at Break        | 200 %     | 200 %    | ASTM D412                    |
| Flexural Modulus           | 0.508 GPa | 73.7 ksi | method 1, Proc.B; ASTM D-790 |
| Tear Strength              | 42.3 kN/m | 241 pli  | ASTM D624                    |

## Contact Songhan Plastic Technology Co.,Ltd.

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