

Multibase Multi-Flex® TPO D-6601

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO)

Material Notes:

Multi-Flex® D 6601 is filled TPO product with suitable UV stability for outdoor applications. Excellent impact properties, suitable flow characteristics for profile extrusion applications such as trail shields. Ash is 31.5% per ASTM D-955-89. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPO-D-6601.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|---------------------------|-------------------------------|
| Density | 1.16 g/cc | 0.0419 lb/in ³ | ASTM D792-91 |
| Melt Flow | 1.0 g/10 min | 1.0 g/10 min | (Condition L) ASTM D-1238-94a |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|------------|-----------|----------------------------------|
| Hardness, Shore D | 67 | 67 | 10 sec; ASTM D-2240-95 |
| Tensile Strength, Ultimate | 15.8 MPa | 2290 psi | ASTM D638-95 |
| Elongation at Break | 110 % | 110 % | ASTM D638-95 |
| Flexural Modulus | 1.17 GPa | 170 ksi | Method 1, Proc. B; ASTM D-790-95 |
| Izod Impact, Notched | NB | NB | ASTM D-256-93a |
| Tear Strength | 102.8 kN/m | 586.6 pli | ASTM D624-95 |

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