

Teknor Apex Monprene[®] MP 1107 Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Notes: General Purpose; Opaque Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Monprene-MP-1107-Thermoplastic-Elastomer.php

| Physical Properties | Metric | English | Comments |
|---------------------|---|---|------------|
| Specific Gravity | 1.12 g/cc | 1.12 g/cc | ASTM D792 |
| Melt Flow | 3.00 g/10 min @Load 2.16 kg, Temperature 190 °C | 3.00 g/10 min @Load 4.76 lb, Temperature 374 °F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|---------------------------|--------------------------|------------|
| Hardness, Shore A | 30 | 30 | ASTM D2240 |
| Tensile Strength at Break | 4.14 MPa | 600 psi | ASTM D412 |
| Tensile Strength, Yield | 1.03 MPa @Strain 300 % | 150 psi @Strain 300 % | ASTM D412 |
| Elongation at Break | 800 % | 800 % | ASTM D412 |

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