

Polymax® Maxelast® F02-141J TPE, Halogen Free Extrusion Grade

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Characteristics: Good melt strengthSoft touchSmooth surface with dry feelGood weather and heat resistanceWide range of hardnessEasy processing Halogen FreeLow smoke emissionRoHs compliantDesigned to meet UL 94 V0Excellent weathering and UV resistanceGood chemical resistanceEasy processingTypical Applications: Electrical and Electronics, Wire and CableIndustrialInformation 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-F02-141J-TPE-Halogen-Free-Extrusion-Grade.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|-----------|
| Specific Gravity | 1.12 g/cc | 1.12 g/cc | ASTM D792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|---------------|---------------|------------|
| Hardness, Shore A | 65 | 65 | ASTM D2240 |
| Tensile Stress | 1.78 MPa | 258 psi | ASTM D412 |
| | @Strain 100 % | @Strain 100 % | |
| | 2.34 MPa | 339 psi | ASTM D412 |
| | @Strain 300 % | @Strain 300 % | |
| Tensile Strength, Yield | 3.10 MPa | 450 psi | ASTM D412 |
| Elongation at Break | 710 % | 710 % | ASTM D412 |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------|---------|----------|
| Flammability, UL94 | V-0 | V-0 | |

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