

Multibase Multi-Flam™ 0803 LDPE NH Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

Features:Flame RetardantHalogen Content, Low to None Forms:PelletsProcessing Methods:Injection

MoldingExtrusionCoextrusionUses:TubingPipingInformation provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flam-0803-LDPE-NH-Polyethylene.php

| Physical Properties | Metric | English | Comments |
|---------------------|--|--|------------|
| Density | 1.04 g/cc | 0.0376 lb/in ³ | ASTM D792 |
| Melt Flow | 1.5 g/10 min @Load 2.16 kg, Temperature 190 °C | 1.5 g/10 min @Load 4.76 lb, Temperature 374 °F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-----------|---------------|-----------|
| Tensile Strength, Yield | 8.96 MPa | 1300 psi | ASTM D638 |
| Elongation at Break | 990 % | 990 % | ASTM D638 |
| Flexural Modulus | 0.186 GPa | 27.0 ksi | ASTM D790 |
| Izod Impact, Notched | 3.42 J/cm | 6.40 ft-lb/in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------|---------|-----------|
| Flammability, UL94 | V-0 | V-0 | 0.0866 in |

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