

Multibase Multi-Flamâ„ç 0801 LDPE 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-0801-LDPE-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	ASTM D792
Melt Flow	1.0 g/10 min @Load 2.16 kg, Temperature 190 Â°C	1.0 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	10.3 MPa	1500 psi	ASTM D638
Elongation at Break	200 %	200 %	ASTM D638
Flexural Modulus	0.224 GPa	32.5 ksi	ASTM D790
Izod Impact, Notched	4.27 J/cm	8.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	0.0313 in
	V-0	V-0	0.125 in

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