

Multibase Multi-Flamâ„ç 2702 PP Black Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Features:Halogenated Forms:PelletsInformation provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flam-2702-PP-Black-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	ASTM D955
Melt Flow	2.9 g/10 min @Load 2.16 kg, Temperature 230 Â°C	2.9 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	19.8 MPa	2870 psi	ASTM D638
Elongation at Break	930 %	930 %	ASTM D638
Flexural Strength	18.8 MPa	2730 psi	ASTM D790
Flexural Modulus	0.696 GPa	101 ksi	Method I (3 point load), Procedure B); ASTM D790
Izod Impact, Notched	7.47 J/cm	14.0 ft-lb/in	ASTM D256
Gardner Impact	21.47 J	15.83 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-2	V-2	0.118 in
	V-2	V-2	0.0315 in

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.30e+15 ohm-cm	1.30e+15 ohm-cm	ASTM D257
Dielectric Strength	25.3 kV/mm	642 kV/in	ASTM D149

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