

Multibase Multi-Pro® 2005 T BLK Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

PP compound suitable for automotive applications, meets elevated temperature resistance. Meets ESH-M4D-293-B specifications. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-2005-T-BLK-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	ASTM D955-89
Melt Flow	5.0 g/10 min	5.0 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	73	73	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	31.0 MPa	4500 psi	ASTM D638-95
Elongation at Break	60 %	60 %	ASTM D638-95
Flexural Modulus	2.303 GPa	334.0 ksi	Method 1, Proc. B; ASTM D-790-95
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256-93a
Gardner Impact	0.700 J	0.516 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	107 °C	225 °F	ASTM D648-95
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ASTM D648-95

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