

Multibase Multi-Pro® 0112 Black Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Multi-Pro 0112 is a nucleated and antistated polypropylene homopolymer. It is designed for injection molding applications that require superior mold release properties. Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Pro-0112-Black-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792-91
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	76	76	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	31.0 MPa	4500 psi	ASTM D638-95
Tensile Strength, Yield	34.5 MPa	5000 psi	ASTM D638-95
Elongation at Break	570 %	570 %	ASTM D638-95
Elongation at Yield	10 %	10 %	ASTM D638-95
Tensile Modulus	1.52 GPa	220 ksi	Secant at 1% strain; ASTM D-638-95
Flexural Modulus	1.241 GPa	180.0 ksi	Secant 1% strain; ASTM D-790-95
Izod Impact, Notched	0.270 J/cm	0.506 ft-lb/in	ASTM D256-93a

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