

Domo 1040N Polypropylene Homopolymer

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

Material Notes:

Information provided by Domo.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Domo-1040N-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in ³	ISO 1183
Melt Flow	12 g/10 min	12 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Modulus	2.00 GPa	290 ksi	ISO 527-2
Izod Impact, Notched (ISO)	1.30 kJ/m ² @Temperature -30.0 °C	0.619 ft-lb/in ² @Temperature -22.0 °F	ISO 180/1A
	2.50 kJ/m ² @Temperature 23.0 °C	1.19 ft-lb/in ² @Temperature 73.4 °F	ISO 180/1A

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	DSC; ISO 3146
Vicat Softening Point	102 °C	216 °F	B50 (50N); ISO 306
	158 °C	316 °F	A50 (10N); ISO 306

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