

Marlex[®] HGX-120

Polypropylene Homopolymer, General Purpose

Nominal Physical Properties

Property	English	SI	Method
Density	0.904 g/cc	0.904 g/cc	ASTM D1505
Melt Flow Rate, @ 230°C	12 g/10min	12 g/10min	ASTM D1238
Tensile Strength at Yield, 50 mm/min	5000 psi	34.5 MPa	ASTM D638
Flexural Modulus, Tangent, 13 mm/min	240000 psi	1650 MPa	ASTM D790
Notched Izod Impact Strength, @ 23°C	0.4 ft*lb/in ²	21 J/m	ASTM D256
Heat Deflection Temperature, @ 0.455 MPa	220 °F	104 °C	ASTM D648
Rockwell Hardness, R Scale	109	109	ASTM D785

Physical property testing performed on injection-molded specimens.

The nominal properties reported herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.

MSDS #240590



Phillips Sumika
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