

NAXALOY® 780 GF11

Polycarbonate + PBT

MRC Polymers, Inc.

Message:

Good Chemical resistance, impact and heat resistance, internal and external lubricants, UV stabilizer and other modifications. Further information and details are available upon request.

General Information	
Filler / Reinforcement	Glass Fiber, 11% Filler by Weight
Additive	Lubricant
	UV Stabilizer
Features	Good Chemical Resistance
	Good Impact Resistance
	Lubricated
	Medium Heat Resistance

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/5.0 kg)	18	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	78.0	MPa	ASTM D638
Flexural Modulus	3750	MPa	ISO 178
Flexural Stress	117	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	8.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	108	°C	
1.8 MPa, Unannealed	99.0	°C	

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