

NAXALOY® 770 GF16

Polycarbonate + ABS

MRC Polymers, Inc.

Message:

Further information and details are available upon request.

General Information			
Filler / Reinforcement	Glass Fiber, 16% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.20 to 0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	121		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	97.0	MPa	ASTM D638
Flexural Modulus	4760	MPa	ASTM D790
Flexural Strength (Yield)	148	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	96	J/m	
23°C	110	J/m	
Unnotched Izod Impact (23°C)	590	J/m	ASTM D256
Instrumented Dart Impact			ASTM D3763
-29°C	4.40	J	
23°C	5.10	J	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	138	°C	
1.8 MPa, Unannealed	129	°C	
Vicat Softening Temperature			
--	139	°C	ASTM D1525 ¹
--	129	°C	ASTM D1525 ²
Flammability	Nominal Value		Test Method
Flammability	SE		FMVSS 302
NOTE			
1.	Loading 1 (10 N)		
2.	Loading 2 (50 N)		

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Recommended distributors for this material

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