

NAXALOY® 793A3 GF10

Polycarbonate + Polyester

MRC Polymers, Inc.

Message:

NAXALOY® 793A3 GF10 is a Polycarbonate + Polyester (PC+Polyester) material filled with 10% glass fiber. It is available in North America for injection molding. Primary attribute of NAXALOY® 793A3 GF10: Flame Rated.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 3.20 mm	0.20 to 0.50	%	
Across Flow : 3.20 mm	0.40 to 0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C, 3.20 mm)	69.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C, 3.20 mm)	5.0	%	ASTM D638
Flexural Modulus (23°C, 3.20 mm)	3100	MPa	ASTM D790
Flexural Strength (23°C, 3.20 mm)	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.20 mm	132	°C	
1.8 MPa, Unannealed, 3.20 mm	110	°C	
Flammability	Nominal Value		Test Method
Flame Rating (1.47 mm)	HB		UL 94

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Recommended distributors for this material

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