

NAXALLOY® 793A7

Polycarbonate + Polyester

MRC Polymers, Inc.

Message:

793A7 is available in natural and custom colors, internal and external lubricants, UV stabilizer and other modifications. Further information and details are available upon request.

General Information			
UL File Number	E92442		
Appearance	Colors Available Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (275°C/2.16 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow : 3.20 mm	0.50 to 0.80	%	
Across Flow : 3.20 mm	0.70 to 0.90	%	
Water Absorption (24 hr)	0.14	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C, 3.20 mm)	55.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C, 3.20 mm)	50	%	ASTM D638
Flexural Modulus (23°C, 3.20 mm)	2140	MPa	ASTM D790
Flexural Strength (23°C, 3.20 mm)	83.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	640	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	115	°C	
CLTE - Flow (-40 to 35°C)	6.1E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94

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Recommended distributors for this material

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