

Integra™ ABSGF20 NA-1000

Acrylonitrile Butadiene Styrene

PolySource, LLC

Message:

20% Glass Reinforced, General Purpose ABS

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	General		
Uses	General		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	4.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.10 - 0.30	%	ASTM D955
Transverse flow	0.30 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	68.9	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	5520	MPa	ASTM D790
Flexural Strength	121	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	93.3	°C	ASTM D648

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Recommended distributors for this material

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