

Integra™ ABSGF20 NA-1000

PolySource, LLC - Acrylonitrile Butadiene Styrene

General Information**Product Description**

20% Glass Reinforced, General Purpose ABS

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• General Purpose
Uses	• General Purpose

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.19		ASTM D792
Melt Mass-Flow Rate (MFR)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0E-3 to 3.0E-3	in/in	ASTM D955
Molding Shrinkage - Across Flow	3.0E-3 to 7.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	10000	psi	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	800000	psi	ASTM D790
Flexural Strength	17500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.5	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	200	°F	ASTM D648

Notes¹ Typical properties: these are not to be construed as specifications.