

Integra™ ABS 10 GP

PolySource, LLC - Acrylonitrile Butadiene Styrene

General Information

Product Description

General Purpose, High Flow ABS

General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose • High Flow
Uses	• General Purpose

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.05		ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow	4.0E-3 to 7.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	7200	psi	ASTM D638
Flexural Modulus (73°F)	350000	psi	ASTM D790
Flexural Strength (Yield, 73°F)	11500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.250 in)	4.5	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	190	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in		HB	
0.12 in		HB	

Notes

¹ Typical properties: these are not to be construed as specifications.

