

Integra™ ABS 10 GP

Acrylonitrile Butadiene Styrene

PolySource, LLC

Message:

General Purpose, High Flow ABS

General Information			
UL YellowCard	E326789-101678531		
Features	General Purpose		
	High Flow		
Uses	General Purpose		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	49.6	MPa	ASTM D638
Flexural Modulus (23°C)	2410	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	240	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	87.8	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	HB		

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