

Integra™ ABS 6030 GP

Acrylonitrile Butadiene Styrene

PolySource, LLC

Message:

General Purpose, High Flow ABS

General Information			
Features	High liquidity		
	General		
Uses	General		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	30	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 - 0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C, 6.35 mm)	112		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	47.1	MPa	ASTM D638
Flexural Modulus (23°C)	2250	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	65.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.35 mm)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 6.35mm	93.9	°C	ASTM D648
1.8 MPa, unannealed, 6.35mm	86.1	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80 - 85	°C	
Drying Time	2.0 - 5.0	hr	
Processing (Melt) Temp	180 - 240	°C	

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