

**Integra™ PC GR10 NHFR0 HSV BK2000**

PolySource, LLC - Polycarbonate

## General Information

**Product Description**

Non Brominated, Non Chlorinated, Glass Reinforced Flame Retardant, Weatherable Polycarbonate - Provisional data

**General**

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber
Additive	• Flame Retardant
Features	• Bromine Free • Chlorine Free • Flame Retardant • Good Weather Resistance

 Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.28		ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	11500	psi	ASTM D638
Tensile Strength (Break)	11500	psi	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	650000	psi	ASTM D790
Flexural Strength (Yield)	20500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	2.0	ft-lb/in	ASTM D256
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in, Tested by PolySource	•	V-0	
	•	5VB	
0.12 in, Tested by PolySource	•	V-0	
	•	5VA	

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.
