

# Integra™ PC GR10 NHFR0 HSV BK2000

Polycarbonate

PolySource, LLC

## Message:

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

General Information	
Filler / Reinforcement	Glass fiber reinforced material
Additive	Flame retardancy
Features	Chlorine Free Good weather resistance Bromine-free Flame retardancy

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm <sup>3</sup>	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			ASTM D638
Yield	79.3	MPa	ASTM D638
Fracture	79.3	MPa	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	4480	MPa	ASTM D790
Flexural Strength (Yield)	141	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	110	J/m	ASTM D256

Flammability	Nominal Value	Test Method
Flame Rating		UL 94

V-0

1.5 mm, Tested by PolySource

5VB

UL 94

V-0

3.0 mm, Tested by PolySource

5VA

UL 94

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Recommended distributors for this material

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