

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 ³	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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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