

Integra™ PC-5022 F1 FR
 PolySource, LLC - Polycarbonate

General Information
Product Description

Flame Retardant, Medium Viscosity, UV Stabilized Polycarbonate

General

Material Status	• Commercial: Active
Availability	• North America
Additive	• UV Stabilizer
Features	• Flame Retardant • Medium Viscosity • UV Stabilized

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.23		ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	16	g/10 min	ASTM D1238
Mechanical			
Tensile Strength (Yield, 73°F)	9010	psi	ASTM D638
Tensile Elongation (Break)	75	%	ASTM D638
Flexural Modulus (73°F)	321000	psi	ASTM D790
Flexural Strength (Yield, 73°F)	13000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F, 0.250 in)	10	ft·lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	279	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	250	°F	ASTM D648
Flammability			
Flame Rating			UL 94
0.06 in	V-1		
0.13 in	V-0		

Notes
¹ Typical properties: these are not to be construed as specifications.
