

Technical Data Sheet

Polyflam PC/PBT-FR5 RED SF INTMD



Polycarbonate + PBT

Product Description

Flame Retardant Polycarbonate+PBT Natural and Colors Available Add "R" for Added Release Add "U" for UV Stabilizer UL Listed f1, 5VA at 3.0 mm, V-0 at 1.5 mm

Appearance Colors Available; Natural Color

Additive Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	22	g/10 min	ASTM D1238
Density - Specific Gravity	1.3	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	53	MPa	ASTM D638
Flexural Modulus	2120	MPa	ASTM D790
Tensile Elongation at Break	50	%	ASTM D638
Flexural Strength	73.1	MPa	ASTM D790
Impact			
Notched Izod Impact			
(-40 °C, 3.18 mm)	190	J/m	ASTM D256
(23 °C, 3.18 mm)	530	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	98.9	°C	ASTM D648
UL Information			
Flame Rating			
(1.5 mm)	V-0		UL 94
(3.0 mm)	5VA		UL 94