

Technical Data Sheet

Polyflam PC/PBT-FR5 RED SFRED



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

Regulatory Status

For regulatory compliance information, see PC/PBT-FR5 RED SFRED [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	North America
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

Notes

These are typical property values not to be construed as specification limits. The typical values for this product may have been tested on a natural grade.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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