

Technical Data Sheet

Polyflam 52N5006NCBLK

Polycarbonate

Product Description

Polyflam 52N5006NCBLK is a Polycarbonate material.

Forms

Pellets

Additive

Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (300 °C/1.2 kg)	10	g/10 min	ASTM D1238
Density - Specific Gravity	1.22	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	62.1	MPa	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Impact			
Gardner Impact	>36.2	J	ASTM D5420
Notched Izod Impact	690	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	127	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	129	°C	ASTM D648
RTI Str	93.3	°C	UL 746B
UL Information			
Flame Rating			
(1.5 mm)	V-2		UL 94
(3.0 mm)	V-0		UL 94