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Technical Data Sheet

Polyflam 35S4301FC BLACK



Polycarbonate + PBT

Product Description

Polyflam 35S4301FC BLACK is a Polycarbonate + PBT Glass Fiber, 30% filled material.

Forms	Pellets
Additive	Flame Retardant
Filler/Reinforcement	Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (250 °C/2.16 kg)	10	g/10 min	ASTM D1238
Density - Specific Gravity	1.54	g/cm³	ASTM D792
Mechanical			
Tensile Strength at Yield	121	MPa	ASTM D638
Flexural Modulus	8090	MPa	ASTM D790
Impact			
Notched Izod Impact	59	J/m	ASTM D256
Thermal			
RTI Elec	75	°C	UL 746B
RTI Imp	75	°C	UL 746B
RTI Str	75	°C	UL 746B
UL Information			
Flame Rating			
(1.5 mm)	V-0		UL 94
(2.5 mm)	5VA		UL 94