

GRIMID B G06 FR0

PC/ABS blend medium heat resistant grade high flow

Properties	Test Method	Unit	Typical Value
Physical			
MFI	ISO 292	g/10'	–
Density (23°C)	ISO 1183	g/cm ³	1,56-1,58
Water Absorption (24h/23°C)	ISO 62	%	0,8
Water Absorption at Saturation	ISO 62	%	6
Mould Shrinkage (Parallel)	ASTM D-955	%	0,25-0,35
Mould Shrinkage (Normal)	ASTM D-955	%	0,4-0,6
Mechanical			
Izod Notched Impact (+23 °C)	ISO 180	J/m	76
Izod Notched Impact Strength(-20 °C)	ISO 180	J/m	–
Charpy Notched Impact (+23 °C)	ISO 179	kJ/m ²	7,2
Charpy Unnotched Impact (+23 °C)	ISO 179	kJ/m ²	35
Charpy Unnotched Impact (-20 °C)	ISO 179	kJ/m ²	–
Tensile Modulus	ASTM D-638	N/mm ²	9000
Elongation at Break	ASTM D-638	%	2,2
Tensile Break Strength	ASTM D-638	N/mm ²	130
Tensile Yield Strength	ASTM D-638	N/mm ²	–
Thermal			
Vicat Temperature (1kg)	ASTM D-1525	°C	216
Vicat Temperature (5kg)	ASTM D-1525	°C	212
Heat Deflection Temperature (0,45 N/mm ²)	ASTM D-648	°C	–
Heat Deflection Temperature (1,82 N/mm ²)	ASTM D-648	°C	50
Continuous Service Temperature (20.000 h)	60216/P1 IEC	°C	90(120h)
Electrical			
Volume Resistivity	ASTM D-257	Ohm cm	–
Tracking Resistance (CTI-Method A)	60112 IEC	Volt	325
Electric Strength (Thickness)	ASTM D-149	kV/mm	24
Flammability			
Flammability Rating	UL 94	-	V0 (0,97 mm)
Glow Wire Test	60695-2-1 IEC	°C	850 (2 mm)

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