

EPLAMID 6 GX0 15 RP BK Q1D0B501

PA6-GF15

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Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	5900	MPa	ISO 527
Stress at break	110	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	5700	MPa	ISO 178
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	8	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Comparative tracking index	400	-	IEC 60112
Other properties			
Density	1280	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	280	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black

Special Characteristics

Flame retardant

Applications

Electrical and Electronical

Regional Availability

Europe