

**EPLAMID 66 GX0 25 KRMT Q1C5B502**

PA66-GF25

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<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	9400	MPa	ISO 527
Stress at break	150	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	8700	MPa	ISO 178
Charpy notched impact strength, +23°C	8	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	240	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	245	°C	ISO 75-1/-2
Vicat softening temperature, B	250	°C	ISO 306
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Comparative tracking index	550	-	IEC 60112
<b>Other properties</b>			
Density	1380	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
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, Heat stabilized or stable to heat

**Applications**

Electrical and Electronical

**Regional Availability**

Europe