

EPLON 6 GFR 15 NC Q1B501

PA6-GF15

Epsan Plastik San. Tic. A.Ş

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	5000	MPa	ISO 527
Stress at break	115	MPa	ISO 527
Strain at break	5	%	ISO 527
Flexural modulus, 23°C	4500	MPa	ISO 178
Charpy notched impact strength, +23°C	7.5	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	7.5	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. Thickness tested	HB 1.6	class mm	IEC 60695-11-10 -
ASTM Data			
UL 94 Flame rating Thickness tested	HB 1.6	- mm	UL 94 -
Other properties			
Density	1210	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

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Natural Color

Regional Availability

Europe