

EPLON 6 GFR 50 NC Q1F001

PA6-GF50

Epsan Plastik San. Tic. A.Ş

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	14300	MPa	ISO 527
Stress at break	210	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Flexural modulus, 23°C	11800	MPa	ISO 178
Charpy notched impact strength, +23°C	18	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	17	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
Other properties			
Density	1540	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2	h	-
Melt temperature	260	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Natural Color

Regional Availability

Europe