

EPLAMID 6 BK Q101

PA6

Epsan Plastik San. Tic. A.Ş

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.1	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2500	MPa	ISO 527
Stress at break	45	MPa	ISO 527
Strain at break	15	%	ISO 527
Flexural modulus, 23°C	2800	MPa	ISO 178
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	70	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	200	°C	ISO 75-1/-2
Vicat softening temperature, B	210	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Other properties			
Density	1120	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	260	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Delivery form

Natural Color