

EPLAMID 66 CBR 30 NC Q1D001

PA66-GB30

Epsan Plastik San. Tic. A.Ş

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.1 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	4600 / 2400	MPa	ISO 527
Stress at break	90 / 70	MPa	ISO 527
Strain at break	4 / 10	%	ISO 527
Flexural modulus, 23°C	3900 / -	MPa	ISO 178
Charpy notched impact strength, +23°C	6 / 9	kJ/m ²	ISO 179/1eA
Izod notched impact strength, +23°C	5 / 8	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	95 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	195 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	235 / *	°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	1350 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	280	°C	-

Characteristics**Processing**

Injection Molding

Additives

Lubricants

Special Characteristics

Heat stabilized or stable to heat

Applications

General Purpose

Regional Availability

Europe