EPIMIX POM GFR 10 NC Q1B001

POM-GF10 Epsan Plastik San. Tic. A.Ş

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	**7**	cm³/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-
Molding shrinkage, parallel	**0.5**	%	ISO 294-4, 2577
Molding shrinkage, normal	**0.8**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**5200**	MPa	ISO 527
Stress at break	**75**	MPa	ISO 527
Strain at break	**3**	%	ISO 527
Flexural modulus, 23°C	**5050**	MPa	ISO 178
Charpy notched impact strength, +23°C	**7**	kJ/m²	ISO 179/1eA
Izod notched impact strength, +23°C	**6**	kJ/m²	ISO 180/1A
Izod notched impact strength	**5**	kJ/m²	ISO 180/1A
Temperature	**-40**	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	**160**	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	**150**	°C	ISO 75-1/-2
Vicat softening temperature, B	**155**	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	**HB**	class	IEC 60695-11-10
Thickness tested	**1.6**	mm	-

Other properties	Value	Unit	Test Standard
Water absorption	**0.2**	%	Sim. to ISO 62
Density	**1440**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80**	°C	-
Pre-drying - Time	**2 - 4**	h	-
Melt temperature	**160 - 210**	°C	-

Characteristics

Processing

Injection Molding

Applications

General Purpose

Regional Availability

Europe

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