



CELANYL[®] A2 GF15 BK 9005/1 CELANYL®

Product information

Resin Identification Part Marking Code	PA66-GF15 >PA66-GF15<		ISO 1043 ISO 11469
Typical mechanical properties	dry/cond.		
Tensile modulus Tensile stress at break, 5mm/min Tensile strain at break, 5mm/min Charpy notched impact strength, 23°C Izod notched impact strength, 23°C Poisson's ratio [C]: Calculated	6400/- 115/- 2.5/- 3.5/- 6.4/- 0.35/- ^[C]	MPa MPa % kJ/m ² kJ/m ²	ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 179/1eA ISO 180/1A
Thermal properties	dry/cond.		
Temperature of deflection under load, 1.8 MPa Temperature of deflection under load, 0.45 MPa	243/* 260/*	°C °C	ISO 75-1/-2 ISO 75-1/-2
Physical/Other properties	dry/cond.		
Density	1250/-	kg/m³	ISO 1183
Injection			
Drying Recommended Drying Temperature Drying Time, Dehumidified Dryer Processing Moisture Content Melt Temperature Optimum Min. melt temperature Max. melt temperature Screw tangential speed Mold Temperature Optimum Min. mould temperature Max. mould temperature	2 - 4 ≤0.15 295 285 305 ≤0.2 100	% °C °C °C m/s °C °C	
Characteristics			

Processing

Injection Moulding

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