

Covestro Makroblend® DP 7665 MBS162 Polycarbonate + PET, Mineral Filled Impact Grade

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

Developmental product(PC+PET)-blends impact modified Injection molding grade 20 % mineral filled As of 1 September 2015, Bayer Material Science was separated from Bayer AG and officially adopted its new name – Covestro.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Covestro-Makroblend-DP-7665-MBS162-Polycarbonate-PET-Mineral-Filled-Impact-Grade.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Modulus	4.20 GPa	609 ksi	ISO 527-1/-2

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	50.0 µm/m-°C	27.8 µin/in-°F	ISO 11359-1/-2
CTE, linear, Transverse to Flow	50.0 µm/m-°C	27.8 µin/in-°F	ISO 11359-1/-2
Deflection Temperature at 0.46 MPa (66 psi)	130 °C	266 °F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	112 °C	234 °F	ISO 75-1/-2

Processing Properties	Metric	English	Comments
Melt Temperature	260 - 280 °C	500 - 536 °F	
	270 °C	518 °F	Injection Molding; ISO 294
Mold Temperature	60.0 - 80.0 °C	140 - 176 °F	
	70.0 °C	158 °F	Injection Molding; ISO 10724
Injection Velocity	200 mm/sec	7.87 in/sec	ISO 294

Descriptive Properties	Value	Comments
Availability	Asia Pacific	
	Europe	
	Near East/Africa	

Descriptive Properties	North America Value	Comments
	South and Central America	
Feature	Release agent	
Form	Pellets	
Process	Injection Molding	

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