

Covestro Bayblend® T90 HT Polycarbonate + ABS

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

Material Notes:

Injection molding grade high heat resistance Vicat/B 120 = 135 °C ball indentation temperature = 125 °C easy flowsuitable for supporting life components Preprocessing Max. Water content

Order this product through the following link:

http://www.lookpolymers.com/polymer_Covestro-Bayblend-T90-HT-Polycarbonate-ABS.php

Physical Properties	Metric	English	Comments
Water Absorption	0.70 %	0.70 %	Similar to ISO 62
Moisture Absorption at Equilibrium	0.20 %	0.20 %	Similar to ISO 62
Melt Flow	26 g/10 min @Load 5.00 kg, Temperature 260 °C	26 g/10 min @Load 11.0 lb, Temperature 500 °F	MVR (cm ³ /10 min); ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	56.0 MPa	8120 psi	ISO 527-1/-2
Elongation at Yield	5.0 %	5.0 %	ISO 527-1/-2
Tensile Modulus	2.40 GPa	348 ksi	ISO 527-1/-2

Thermal Properties	Metric	English	Comments
Vicat Softening Point	133 °C	271 °F	50°C/h 50N; ISO 306
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	IEC 60695-11-10

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 280 °C	464 - 536 °F	
	260 °C	500 °F	Injection Molding; ISO 294
Mold Temperature	60.0 - 80.0 °C	140 - 176 °F	
	80.0 °C	176 °F	Injection Molding; ISO 10724
Injection Velocity	240 mm/sec	9.45 in/sec	ISO 294

Descriptive Properties	Value	Comments
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Availability

Descriptive Properties	Asia Pacific Value	Comments
	Europe	
	India	
	Near East/Africa	
	South and Central America	
Feature	Release agent	
Form	Pellets	
Process	Injection Molding	

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