

Gichem GIBLEND F70500 Polycarbonate / ABS (discontinued **)

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

Material Notes:

Polycarbonate and ABS blend, excellent mechanical and thermal properties, very high fluidity. Medium Injection speed. Information provided by GICHEM Gruppo Industriale Chimico

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gichem-GIBLEND-F70500-Polycarbonate-ABS-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ASTM D792
Water Absorption	0.020 %	0.020 %	ASTM D570
Linear Mold Shrinkage	0.0040 - 0.0070 cm/cm	0.0040 - 0.0070 in/in	ASTM D955
Melt Flow	25 g/10 min	25 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.0 MPa	6960 psi	ASTM D638
Elongation at Yield	80 %	80 %	ASTM D638
Flexural Modulus	2.30 GPa	334 ksi	ASTM D790
Izod Impact, Notched	5.00 J/cm	9.37 ft-lb/in	ASTM D256
	3.50 J/cm	6.56 ft-lb/in	ASTM D256
	@Temperature 0.000 °C	@Temperature 32.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	ASTM D648
Vicat Softening Point	130 °C	266 °F	ASTM D1525/A
Flammability, UL94	HB	HB	
	@Thickness 3.20 mm	@Thickness 0.126 in	
Flammability Test	125	125	[°C] Bilia; IEC 331
Oxygen Index	22 %	22 %	ASTM D2863
Glow Wire Test	650 °C	1200 °F	IEC 695-2-1

Processing Properties	Metric	English	Comments
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Processing Properties	Metric	English	Comments
Mold Temperature	50.0 - 70.0 °C	122 - 158 °F	
Drying Temperature	100 °C	212 °F	2 hours

Contact Songhan Plastic Technology Co.,Ltd.

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