

Polymer PC
Application Injection moulding

Properties	Method	Unit	Value
Physical			
Density at 23°C	ISO 1183	g/cm3	1,2
Mould Shrinkage(%)		%	0,5-0,7
Melt Flow Index (300°C- 1,20 Kg)	ISO 1133	g/10'	27
Thermal			
HDT, A (1.80 MPa)	ISO 75/Af	°C	125
Relative Temp Index, Elec		°C	130
Relative Temp Index, Mech w/impact		°C	125
Relative Temp Index, Mech w/o impact		°C	130
Mechanical at 23°C			
Flexural Modulus	ISO 178	Mpa	2300
Flexural Strength	ISO 178	Mpa	90
Tensile stress at yield	ISO 527-2	Mpa	65
Tensile elong. at break	ISO 527-2	%	95
Izod notched impact strength	ISO 180/1A	KJ/m2	65
Charpy Impact notched	ISO 179	KJ/m2	40
Flammability			
GlowWire Ignition Temperature GWIT (1,6 mm)	IEC 606925-2-13	°C	875
Flammability class (0,4 mm)	UL94		V2

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