

Technical Datasheet PC 1100

1) Product Description:

PC 1100 is an injection grade Polycarbonate resin featuring good processing properties and excellent mechanical properties such as toughness and impact strength.

2) Applications:

Electrical and electronic applications
Automotive
Home appliances

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Specific Gravity	ASTM D792	g/cm ³	1.20
Melt Mass-Flow Rate (MFR)(300 °C/1.2 kg)	ASTM D 1238	g/10min	10
Molding Shrinkage - Flow	ASTM D 955	%	0.50 - 0.70
Tensile Strength (Yield)	ASTM D 638	MPa	61.8
Tensile Elongation(Break)	ASTM D 638	%	110
Flexural Modulus	ASTM D790	Mpa	2350
Notched Izod Impact (3.18 mm)	ASTM D 256	J/m	850
Rockwell Harness (R-Scale)	ASTM D785	-	120
Deflection Temperature Under Load 1.8 Mpa, Unannealed	ASTM D 648	°C	130
Vicat Softening Temperature	ASTM D 1525 ²	°C	150
Transmittance	ASTM D1003	%	89.0
Haze	ASTM D1003	%	<0.80

* Typical values not to be construed as specifications.