



Technical Datasheet: PC 1023R

Product Description:

PC 1023R is a Polycarbonate (PC) material suitable for injection molding. Important attributes of PC 1023R are:

- Flame Rated
- Mold Release Agent
- UV Stabilized

Applications:

Auto parts, Home appliances, Electrical and Electronic applications.

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 D1238	g/10 min	17
Tensile Strength (Yield, 3.18 mm)	ASTM D638	MPa	62.1
Flexural Modulus (3.18 mm)	ASTM D790	MPa	2210
Flexural Strength (Yield, 3.18 mm)	ASTM D790	MPa	94.5
Notched Izod Impact (23°C)	ASTM D256	J/m	750
Deflection Temperature Under Load			
0.45 MPa, Unannealed	ASTM D648	°C	138
1.8 MPa, Unannealed		°C	132
Flame Rating			
3.2 mm	UL 94		V-2
6.4 mm			V-2

* Typical values not to be construed as specifications.cm