

Technical Datasheet PC 0712

1) Product Description:

PC 0712 is a polycarbonate (PC) material.

Important attributes of PC 712 are:

- Flame Rated
- Impact Resistant

2) Applications:

Automotive parts, home appliances, electrical and electronic applications.

3) Typical data:

Property	Test method	Unit	value
Density	ISO 1183	g/cm ³	1.20
Melt mass-flow rate, MFR(230 °C, 2.16kg)	ISO 1133	g/10min	10
Molding shrinkage-flow	ASTM D955	%	0.50 to 0.70
Water Absorption (23°C, 24hr)	ISO 62	%	0.10
Tensile Stress (Yield)	ISO 527-2	MPa	62.0
Tensile Stress (Break)	ISO 527-2	%	50
Flexural Modulus	ASTM D790	MPa	2400
Notched izod impact (23°C)	ASTM D256	J/m	600
Heat Deflection Temperature 1.8 MPa, Unannealed	ISO 75-2/A	°C	131
Heat Deflection Temperature ⁸ (1.8 MPa, Annealed)	ISO 75-2/Ae	°C	136
Vicat Softening Temperature	ISO 306/B50	°C	150
Flame rating (3.2 mm)	UL94		V-2

* Typical values not to be construed as specifications.cm