

Technical Datasheet PC 0712

:Product Description

:PC 0712 is a polycarbonate (PC) material. Important attributes of PC 712 are

Flame Rated

Impact Resistant

:Applications

.Automotive parts, home appliances, electrical and electronic applications

:Typical data

| PROPERTY | TEST METHOD | UNIT | TYPICAL 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 | % | 5.0 |
| Flexural Modulus | ASTM D790 | MPa | 240.0 |
| Notched izod impact (23°C | ASTM D256 | J/m | 6.0 |
| 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 *

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