



## TECHNICAL DATA SHEET

Compound :

PC

Polycarbonate

ORIGINAL PROPERTIES : Analysis on supplier laboratory compound

### General Description

*The polycarbonate (PC) may lend itself to the formulation of compounds in different colors, compact and opaque. The aesthetics of the polycarbonate reaches its highest levels in the range of engineered polymers. Among the major applications of this material we find instead paints and sheets for the automotive, optical and computers for the medical field, packaging for electrical and electronic equipment and lighting products.*

### Available

*All variants of non-transparent*

### Physical-mechanical characteristics

*High strength that makes it resistant to shock and breaks  
High heat resistance which makes it the ideal solution for applications that require sterilization  
Good dimensional stability that allows it to keep its shape under different conditions  
Good electrical insulation properties  
Biologically inert and completely recyclable  
Excellent workability  
Transparency and optical clarity  
Flame retardancy and excellent fire resistance*