

PC (POLYCARBONATE)

DESCRIPTION:

A TRUE INDUSTRIAL THERMOPLASTIC, PC (POLYCARBONATE) IS WIDELY USED IN AUTOMOTIVE, AEROSPACE, MEDICAL AND MANY OTHER APPLICATIONS. PC OFFERS ACCURACY, DURABILITY AND STABILITY, CREATING STRONG PARTS THAT WITHSTAND FUNCTIONAL TESTING.

APPLICATIONS:

FOR CONCEPTUAL MODELING, FUNCTIONAL PROTOTYPING, MANUFACTURING TOOLS, AND END-USE-PARTS. WIDELY USED IN AUTOMOTIVE, AEROSPACE, AND MEDICAL APPLICATIONS.



PC (POLYCARBONATE)		
PROPERTY	ASTM	METRIC UNITS
TENSILE STRENGTH	D638	68 MPA
TENSILE MODULUS	D638	2,300 MPA
TENSILE ELONGATION	D638	5 %
FLEXURAL STRENGTH	D790	104 MPA
FLEXURAL MODULUS	D790	2,200 MPA
IZOD IMPACT - NOTCHED	D256	53 J/M

SERVICES AVAILABLE

PRODUCT DESIGN

RAPID PROTOTYPING

SLA

FRSLA

POLYJET

SLS

DMLS

FDM

PLASTIC CASTING

CNC MACHINING

INJECTION MOLD TOOLING

RAPID TOOLING

PRODUCTION TOOLING

INJECTION MOLDING

METAL CASTING

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