

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

3020 RED HILL AVENUE
 COSTA MESA, CA 92626
 PHONE 888.496.3406
 FAX 714.641.3111

DINSMOREINC.COM