

PC

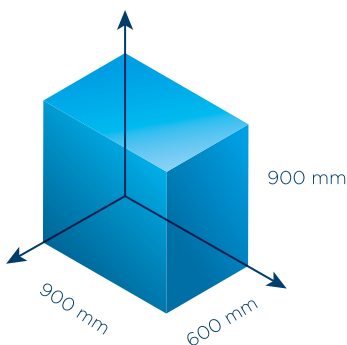
MECHANICALS FEATURES	STANDARD TEST	METRIC	ENGLISH
Traction resistance (Type 1, 0.125", 0.2"/min)	ASTM D638	68 MPa	9,800 psi
Traction modulus (Type 1, 0.125", 0.2"/min)	ASTM D638	2,300 MPa	330,000 psi
Traction elongation (Type 1, 0.125", 0.2"/min)	ASTM D638	5%	5%
Bend resistance (Method 1, 0.05"/min)	ASTM D790	104 MPa	15,100 psi
Bend modulus (Method 1, 0.05"/min)	ASTM D790	2,200 MPa	324,000 psi
Impact resistance carved IZOD (Method A, 23°C)	ASTM D256	53 J/m	1 ft-lb/in
Impact resistance not carved IZOD (Method A, 23°C)	ASTM D256	320 J/m	6 ft-lb/in

THERMAL FEATURES	STANDARD TEST	METRIC	ENGLISH
Under load deflection temperature (HDT) @ 66psi	ASTM D648	138°C	280°F
Under load deflection temperature (HDT) @ 264psi	ASTM D648	127 °C	261°F
Melting point	-	N.A.	N.A

OTHER FEATURES	STANDARD TEST	VALUE
Specific weight	ASTM D792	1.2
Hardness	ASTM D785	R115
Thermal expansion coefficient	ASTM E831	3.8E-05 in/in/°F
Fire reaction classification	UL94	HB
Dielectric rigidity	ASTM D149-09, Method A	360-80 V/mil
Dielectric constant	ASTM D150-98	3.0 - 2.8

MAX PRINT SIZE:

900 x 600 x 900 mm



SLICING				SUPPORT	
0,12	0,17	0,25	0,33	Soluble	Removable
✓	✓	✓	✓	✓	

Manufacturing tolerances :
 +/- 0,2 mm up to 50 mm
 +/- 0,05 mm each 25 mm following

KEY:
 N.A. not applicable.

NOTES:

Available colours: white.
 The data presented are only for informative purpose, they aren't official.
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