PC-ISO

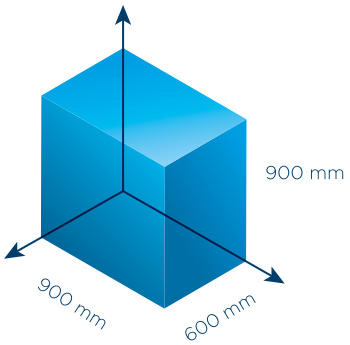
MECHANICALS FEATURES	STANDARD TEST	METRIC	ENGLISH
Traction resistance (Type 1, 0.125", 0.2"/min)	ASTM D638	57 MPa	8,300 psi
Traction modulus (Type 1, 0.125", 0.2"/min)	ASTM D638	2,000 MPa	289.800 psi
Traction elongation (Type 1, 0.125", 0.2"/min)	ASTM D638	4%	4%
Bend resistance (Method 1, 0.05"/min)	ASTM D790	90 MPa	13,100 psi
Bend modulus (Method 1, 0.05"/min)	ASTM D790	2.100 MPa	310.400 psi
Impact resistance carved IZOD (Method A, 23°C)	ASTM D256	86 J/m	1,6 ft-lb/in
Impact resistance not carved IZOD (Method A, 23°C)	ASTM D256	53 J/m	1 ft-lb/in

THERMAL FEATURES	STANDARD TEST	METRIC	ENGLISH
Under load deflection temperature (HDT)@66psi,0.125"	ASTM D648	133 °C	271 °F
Under load deflection temperature (HDT)@264psi,0.125"	ASTM D648	127 °C	260 °F
Melting point	-	N.A.	N.A

OTHER FEATURES	STANDARD TEST	VALUE
Specific weight	ASTM D792	1.2
Fire reaction classification	UL94	HB
Dielectric rigidity	ASTM D150-98	3.0-2.8
Dielectric constant	ASTM D149-09, Method A	370 – 70 V/mil

MAX PRINT SIZE:

900 x 600 x 900 mm



SLICING			
0,12	0,17	0,25	0,33
	✓	✓	✓

SUPPORT	
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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SPRING ENGINEERING & PROTOTYPING

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