

PC-ABS

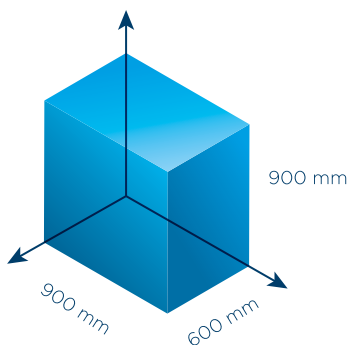
MECHANICALS FEATURES	STANDARD TEST	METRIC	ENGLISH
Traction resistance (Type 1, 0.125", 0.2"/min)	ASTM D638	41 MPa	5,900 psi
Traction modulus (Type 1, 0.125", 0.2"/min)	ASTM D638	1.900 MPa	278,000 psi
Traction elongation (Type 1, 0.125", 0.2"/min)	ASTM D638	6%	6%
Bend resistance (Method 1, 0.05"/min)	ASTM D790	68 MPa	9,800 psi
Bend modulus (Method 1, 0.05"/min)	ASTM D790	1,900 MPa	280,000 psi
Impact resistance carved IZOD (Method A, 23°C)	ASTM D256	196 J/m	3.7 ft-lb/in
Impact resistance not carved IZOD (Method A, 23°C)	ASTM D256	481 J/m	9 ft-lb/in

THERMAL FEATURES	STANDARD TEST	METRIC	ENGLISH
Under load deflection temperature (HDT)@66psi,0.125"	ASTM D648	110°C	230°F
Thermal expansion coefficient	-	-	4.10 E-05 in/in/°F
Melting point	-	N.A.	N.A.

OTHER FEATURES	STANDARD TEST	VALUE
Specific weight	ASTM D792	1.10
Density	ASTM D792	0.0397 lb/in ³
Hardness	ASTM D785	R110
Fire reaction classification	UL94	HB
Dielectric rigidity	ASTM D149-09, Method A	340-90 V/mil
Dielectric constant (at 1MHz)	ASTM D150-98	2.9 - 2.7

MAX PRINT SIZE:

900 x 600 x 900 mm



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

Manufacturing tolerances : \pm 0,2 mm up to 50 mm
 \pm 0,05 mm each 25 mm following

KEY:
 N.A. not applicable.

NOTES:

Available colours: black.
 The data presented are only for informative purpose, they aren't official.
 For further information please contact Spring S.r.l +39 0444 557570 or visit our website www.springitalia.com.
 All trademarks are the property of their respective owners.

SPRING SRL - Via del Carpino Nero, 14
 36050 Monteviale - VICENZA - ITALY
t. +39 0444 557570 - **f.** +39 0444 557572
e. info@springitalia.com

www.springitalia.com



SPRING[®]
 ENGINEERING & PROTOTYPING