

ABS-ESD7

MECHANICALS FEATURES	STANDARD TEST	METRIC	ENGLISH
Traction resistance (Type 1, 0.125", 0.2"/min)	ASTM D638	36 MPa	5,200 psi
Traction modulus (Type 1, 0.125", 0.2"/min)	ASTM D638	2.400 MPa	350,000 psi
Traction elongation (Type 1, 0.125", 0.2"/min)	ASTM D638	3%	3%
Bend resistance (Method 1, 0.05"/min)	ASTM D790	61 MPa	8,800 psi
Bend modulus (Method 1, 0.05"/min)	ASTM D790	2,400 MPa	350,000 psi
Impact resistance carved IZOD (Method A, 23°C)	ASTM D256	111J/m	2,1 ft-lb/in
Impact resistance not carved IZOD (Method A, 23°C)	ASTM D256	55 J/m	1,1 ft-lb/in

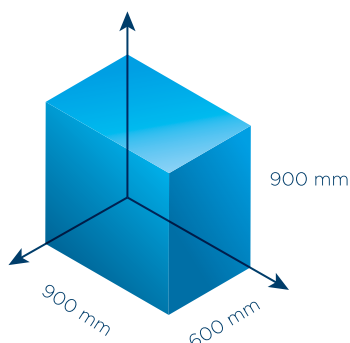
THERMAL FEATURES	STANDARD TEST	METRIC	ENGLISH
Under load deflection temperature (HDT)@66psi,0.125"	ASTM D648	96°C	204°F
Thermal expansion coefficient	ASTM E831	8.825 mm/mm/°C	4.95 in/in/°F
Melting point	-	N.A.	N.A.

OTHER FEATURES	STANDARD TEST	VALUE
Specific weight	ASTM D792	1.04
Fire reaction classification	UL94	HB (0.06",1,5 mm)
Hardness	ASTM D785	109,5

ELECTRICAL FEATURES	STANDARD TEST	VALUE
Density resistance	ASTM D257	4.0X10e10-3.0x10e9 ohms
Surface resistance	ASTM D257	10 ⁹ - 10 ⁶ ohms

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