

ABS M30i

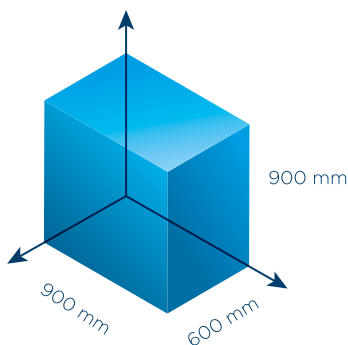
MECHANICALS FEATURES	STANDARD TEST	METRIC	ENGLISH
Traction resistance (Type 1, 0.125", 0.2"/min)	ASTM D638	36 MPa	5,200 psi
Traction modulus (Type 1, 0.125", 0.2"/min)	ASTM D638	2.400 MPa	350,000 psi
Traction elongation (Type 1, 0.125", 0.2"/min)	ASTM D638	4%	4%
Bend resistance (Method 1, 0.05"/min)	ASTM D790	61 MPa	8,800 psi
Bend modulus (Method 1, 0.05"/min)	ASTM D790	2,300 MPa	336,000 psi
Impact resistance carved IZOD (Method A, 23°C)	ASTM D256	139 J/m	2,6 ft-lb/in
Impact resistance not carved IZOD (Method A, 23°C)	ASTM D256	283 J/m	5,3 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	8.82E-05 mm/mm/°C	4.9E-05 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
Dielectric rigidity	ASTM D149-09, Method A	370-80 V/mil

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: ivory.
 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.
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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



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