

PPSF

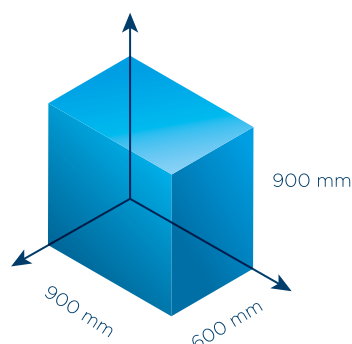
MECHANICALS FEATURES	STANDARD TEST	METRIC	ENGLISH
Traction resistance (Type 1, 0.125", 0.2"/min)	ASTM D638	55 MPa	8,000 psi
Traction modulus (Type 1, 0.125", 0.2"/min)	ASTM D638	2,100 MPa	300,000 psi
Traction elongation (Type 1, 0.125", 0.2"/min)	ASTM D638	3%	3%
Bend resistance (Method 1, 0.05"/min)	ASTM D790	110 MPa	15,900 psi
Bend modulus (Method 1, 0.05"/min)	ASTM D790	2,200 MPa	320,000 psi
Impact resistance carved IZOD (Method A, 23°C)	ASTM D256	58,7 J/m	1,1 ft-lb/in
Impact resistance not carved IZOD (Method A, 23°C)	ASTM D256	165.5 J/m	3.1 ft-lb/in

OTHER FEATURES	STANDARD TEST	VALUE
Specific weight	ASTM D792	1.28
Hardness	ASTM D785	M86
Fire reaction classification	UL94	V-0
Dielectric rigidity	ASTM D149-09, Method A	290 - 80 V/mil
Dielectric constant (at 60 Hz)	ASTM D150-98	3.2 - 3.0

THERMAL FEATURES	STANDARD TEST	METRIC	ENGLISH
Under load deflection temperature (HDT)@264 psi,0.125"	ASTM D648	189 °C	372 °F
Thermal expansion coefficient	ASTM D696	5.5 E -05 mm/mm/°C	3.1 E -05 in/in/°F

APPLICATION TEST	24 h at 23°C	24 h at 100°C
Antifreeze (50%)	Passed	Passed
Unleaded fuel	Passed	Untested
Motor Oil 10W-40	Passed	Passed
Power steering oil	Passed	Passed
Transmission oil	Passed	Passed
Glass washing liquid (50%)	Passed	Untested

MAX PRINT SIZE:



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

Manufacturing tolerances : \pm 0,2 mm up to 50 mm

KEY:

N.A. not applicable.

NOTES:

Available colours: light brown.

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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