

ABS-like pro Resin

An improved chemical formula for an improved Acrylonitrile Butadiene Styrene ABS resin to get better mechanical properties compared to the standard resin



Material properties

Density	ISO 1183	1,1	g/cm ³
Water absorption at saturation	ASTM D570	2,35	%
Suitability for food contact		NO	
Tensile strength	ASTM D638	32	MPa
Elongation at break	ASTM D638	50	%
Elastic modulus	ASTM D638	1400	MPa
Resilience	ASTM D256	53	J/m
HDT 0.45 MPa	ASTM D648	56	°C
Vicat softening temperature	ASTM D648	56	°C

Printing layer height

0,10 mm (0,004 in)

Maximum dimensions

274x155x400 mm (10.8x6.1x15.7 in)

Tolerances

± 0,30mm < 100mm / ± 0,3% > 100mm

Applications

Particularly useful for products requiring electrical insulation protection

Information contained in this data sheet is up-to-date and correct as at the date of issue. As Weerg cannot control or anticipate the conditions under which this product may be used, each user should review the information in the specific context of the planned use. To the maximum extent permitted by law, Weerg will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given other than those implied mandatory by law.