

Technical Data Sheet: Z-ASA Pro

Mechanical Properties	Metric	English	Comments
Tensile Strength at Yield	47.5 MPa	6890 psi	ISO 527
Elongation at Break	15%	15%	ISO 527
Tensile Modulus	2.02 GPa	293 ksi	ISO 527
Charpy Impact, Notched	18 kJ/m ²	8.57 ft-lb/in ²	ISO 179
Thermal Properties	Metric	English	Comments
Melting Point	230 °C ± 10 °C	446 °F ± 50 °F	ISO 294
Vicat Softening Point	98 °C	208 °F	ISO 306
Other Properties	Metric	English	Comments
Specific Gravity	1.11 g/cm ³	9.26 lb/gal	ISO 1183
Melt Flow Rate	45 g/10 min Load 5 kg, Temperature 260 °C	0.0992 lb/10 min Load 11 lb, Temperature 500 °F	ISO 1133

The data presented in this document are intended for information and comparison purposes only. They should not be used for project specifications or its quality evaluation. The material's actual properties depend on the printing process conditions, the design structure and its purpose, test conditions, etc.

Samples of Z-ASA Pro used to carry out the tests were made through plastic moulding.

Product specifications are subject to change without notice.

Each user is responsible for complying with product safety standards, its intended use as well as the law and waste disposal (and recycling) rules for electrical and electronic equipment. Zortrax does not make any express or implied warranties, including but not limited to implied warranties of merchantability or fitness for a particular purpose.

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