

Technical Data Sheet: Z-SEMIFLEX

Mechanical Properties	Metric	English	Comments
Tensile Strength at Yield	50 MPa	7250 psi	ISO 527 1/2
Elongation at Break	450%	450%	ISO 527 1/2
Tensile Modulus	150 MPa	21800 psi	ISO 527
Charpy Impact, Unnotched	NB	NB	ISO 179
Thermal Properties	Metric	English	Comments
Melting Temperature	220° ± 10° C	428° ± 50° F	
Vicat Softening Point	138° C	280° F	ASTM D 1525
Other Properties	Metric	English	Comments
Specific Gravity	1.16 g/cm ³	9.68 lb/gal	ISO 1183
Shore Hardness (A)	98	98	ISO 7619-1

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-SEMIFLEX 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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