

Generic SLS PA12 White Nylon Technical Data Sheet

Mechanical Properties		
	Typical Values	Method
Tensile Modulus	1600 MPa	ISO 527
Tensile Strength	46 MPa	ISO 527
Elongation @ Break	20 %	ISO 527
Charpy impact strength	38 KJ/M2	ISO 179
Charpy notched impact strength	7.5 KJ/M2	ISO 179
Flexural Strength	1400 MPa	ISO 178
Flexural Modulus	50 MPa	ISO 178

Thermal Properties		
Property Description	Typical Values	Method
Density (Laser sintered)	0.94 g/cm ³	-
Vicat softening temperature (50°C/h 50N)	100 DC	ISO 306

*** These values may vary and should only be used as reference. It is important that test your prototype to ensure it meets your requirements.