

**PA12 Technical Data Sheet(TDS)**

Property	Testing Method	Typical Value
Density	ISO1183, GB/T1033	1.13 g/cm <sup>3</sup> at 21°C
Melt Index	235°C, 2.16Kg	2.8 g/10 min
Property	Testing Method	Typical Value
Glass Transition	DSC, 10°C/min	67°C
Heat Deflection Temperature	ISO 75 1.8 MPA	155°C
Property	Testing Method	Typical Value
Tensile Strength (X-Y)	ISO 527, GB/T 1040	50 MPa
Tensile Strength (Z)		/
Elongation at break (X-Y)	ISO 527, GB/T 1040	150%
Elongation at break (Z)		/
Bending modulus (X-Y)	ISO 178, GB/T 9341	1600 MPa
Bending modulus (Z)		/
Bending Strength (X-Y)	ISO 178, GB/T 9341	67 MPa
Bending Strength (Z)		/
Charpy impact strength (X-Y)	ISO 178, GB/T 9341	0.5 kJ/m <sup>2</sup>
Charpy impact strength (Z)		/

Updated on November 11, 2022