

## Specifications

Test Item	Test Standard	Test Condition	Unit	Typical Value
<b>Mechanical Properties</b>				
Tensile Strength	ISO 527	Yield, 23°C	MPa	100
Elongation at Break	ISO 527	Break, 23°C	%	15
Flexural Strength	ISO 178	Yield, 23°C	MPa	170
Flexural Modulus	ISO 178	23°C	GPa	4.1
Izod Impact Strength, Notched	ISO 180/A	23°C	kJ/m <sup>2</sup>	4.5
Molding Shrinkage, Flow Direction	ISO 294-4	—	%	1.0
Molding Shrinkage, Transverse Direction	ISO 294-4	—	%	1.3
<b>Thermal Properties</b>				
Melting Point	ISO 11357	—	°C	343
Glass Transition Temperature	ISO 11357	Onset	°C	143
<b>Flow Properties</b>				
Melt Flow Rate	ISO 1133	380°C, 5 kg	g/10 min	80
<b>Other Properties</b>				
Density	ISO 1183	23°C	g/cm <sup>3</sup>	1.3
Bulk Density	ISO 1183	—	g/cm <sup>3</sup>	0.3
Particle Size (D50)	ISO 13320-1	—	µm	26

## Processing Guidance

Item	Unit	Recommended Value
Processing Temperature	°C	380 ± 20
Drying Condition	—	150°C / 3 h or minimum 120°C / 6 h
Moisture Absorption	%	< 0.3

## Notes

Statement: This TDS is prepared according to internal testing standards and typical laboratory data. It does not constitute a warranty or guarantee for a specific application. Users should verify suitability before commercial use.