

## Specifications

Properties	Test Standard	Test Conditions	Unit	Typical Value
<b>Mechanical Properties</b>				
Tensile Strength	ISO 527	23°C	MPa	99
Tensile Strain at Break	ISO 527	23°C	%	30
Tensile Modulus	ISO 527	23°C	GPa	3.7
Flexural Strength	ISO 178	23°C	MPa	157
Flexural Modulus	ISO 178	23°C	GPa	3.8
Charpy Impact Strength	ISO 179/1eA	23°C	kJ/m <sup>2</sup>	7.0
<b>Thermal Properties</b>				
Melting Point	ISO 11357	DSC	°C	343
HDT	ISO 75	1.8 MPa	°C	152
<b>Other Properties</b>				
Bulk Density	GB/T 23771	-	g/100 ml	37
Particle Size (D50)	ISO 13320	-	µm	47
Water Content	PFL-TM-04	105°C, 3 min	%	0.2
Colour, L	PFL-TM-66	D65/10°	-	64
<b>Fluidity</b>				
Melt Viscosity	PFL-TM-51	380°C, 77 Hz	Pa·s	550

## Processing Guidance

<b>Typical Processing Conditions</b>	
<b>Drying Temperature / Time</b>	150°C / 3 h or 120°C / 5 h (residual moisture < 0.02%)
<b>Processing Temperature</b>	370-400°C

## 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.