

Specifications

Test Item	Test Standard	Test Condition	Unit	Typical Value
Mechanical Properties				
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 ²	4.5
Molding Shrinkage, Flow Direction	ISO 294-4	—	%	1.0
Molding Shrinkage, Transverse Direction	ISO 294-4	—	%	1.3
Thermal Properties				
Melting Point	ISO 11357	—	°C	343
Glass Transition Temperature	ISO 11357	Onset	°C	143
Flow Properties				
Melt Flow Rate	ISO 1133	380°C, 5 kg	g/10 min	80
Other Properties				
Density	ISO 1183	23°C	g/cm ³	1.3
Bulk Density	ISO 1183	—	g/cm ³	0.3
Particle Size (D50)	ISO 13320-1	—	µm	15

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.

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