

PP Technical Data Sheet(TDS)

Mechanical Properties	Injection Molding	
	Typical Value	Test Method
Tensile Modulus	14MPa	ASTM D1708
Elongation at Break	10%	ASTM D1708
Flexural Strength	7.8MPa	ASTM D790
Flexural Modulus	244MPa	ASTM D790
Charpy Impact Strength (at 23 °C)	0.35 kJ/m ²	ASTM D256
Hardness	53 (Shore D)	ISO 868

Thermal Properties	Typical Value	Test Method
Melt Mass-Flow Rate (MFR)	20 g/ 10 min	ISO 1133 (23°C, 2.16
Vicat Softening Temperature at 5N	114°C	ISO 306
Glass Transition	-13°C	DSC
Melting Temperature	132°C	DSC

Updated on May 11, 2025