



Technical Datasheet

Ver.2021.01

Trademark	Material	PP-HI-T10	Grade	C3322T-BLD
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Features	<ul style="list-style-type: none"> • Low Density • Good Stiffness/Impact Balance • Excellent Comprehensive Properties
Specification	• DBL 5404.92
Origin	• North America/Asia-Pacific
Processing	• Injection Molding
Appearance	• Colors Optional
Applications	• Automotive Interior Parts

General Properties

No.	Properties	Typical Value	Units	Methods	Test Conditions
1	Density	0.98	g/cm ³	ISO 1183-1	
2	Tensile Strength at Yield	19	MPa	ISO 527-2	5mm/min
3	Elongation at Yield	5	%	ISO 527-2	5mm/min
4	Tensile Modulus	1700	MPa	ISO 527-2	1mm/min
5	Filler Content	10.5	%	ISO 3451-1	
6	Notched Impact Strength	30	kJ/m ²	ISO 179-1	23°C
7	Melt Flow Rate	22	g/10min	ISO 1133-1	230°C×2.16kg
8	Flexural Modulus	1600	MPa	ISO 178	2mm/min

Processing Conditions²

Drying Cond	80-100°C * 2h
Molding Temp.	230-210 °C(F) 220-200 °C(M) 200-180 °C(B)
Injection Speed	Low to Medium
Injection Pressure	50-80 MPa
Back Pressure	0.3-1.0 MPa
Mold Temp	20-60 °C
Moisture Control	0.1

Note 1: Typical value could not be defined as minimum value.

Note 2: The above processing conditions are for reference only. Please make appropriate adjustments based on product structure and requirements, model of the machine and injection environment.

PRET Advanced Materials, LLC

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