



Technical Datasheet

Ver.2021.01

Trademark	Material	PP-T20	Grade	B5122T
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| Features | <ul style="list-style-type: none"> • High Rigidity • Medium Fluidity • Excellent Comprehensive Properties |
| Specification | <ul style="list-style-type: none"> • GMW15548 T4 |
| Origin | <ul style="list-style-type: none"> • North America/Asia-Pacific |
| Processing | <ul style="list-style-type: none"> • Injection Molding |
| Appearance | <ul style="list-style-type: none"> • Colors Optional |
| Applications | <ul style="list-style-type: none"> • Automotive Interior and Exterior Parts |

General Properties

No.	Properties	Typical Value	Units	Methods	Test Conditions
1	Density	1.05	g/cm ³	ISO 1183-1	
2	Tensile Strength at Yield	26	MPa	ISO 527-2	50mm/min
3	Flexural Modulus	2250	MPa	ISO 178	2mm/min,64mm
4	Impact Strength	45	kJ/m ²	ISO 179-1	
5	Notched Impact Strength	5	kJ/m ²	ISO 179-1	23°C
6	Filler Content	20	%	ISO 3451-1	
7	Melt Flow Rate	19	g/10min	ISO 1133-1	230°C×2.16kg
8	Heat Deflection Temp.	115	°C	ISO 75-2	0.45MPa,120°C/h

Processing Conditions²

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|--------------------|---|
| 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.

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