



Technical Datasheet

Ver.2021.01

Trademark	Material	PP-T20	Grade	A5132T-TD
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| Features | <ul style="list-style-type: none"> • Medium Melt Flow • High stiffness • Modified Filled Polypropylene |
| Specification | • |
| Origin | • North America/Asia-Pacific |
| Processing | • Injection Molding |
| Appearance | • Colors Optional |
| Applications | • Auto.Interior Parts |

General Properties

No.	Properties	Typical Value	Units	Methods	Test Conditions
1	Density	1.06	g/cm ³	DIN EN ISO 1183-1	
2	Filler Content	20	%	DIN EN ISO 3451-1	
3	Impact Strength	28	kJ/m ²	DIN EN ISO 179-1/1 eU	23°C
4	Notched Impact Strength	3	kJ/m ²	DIN EN ISO 179-1/1 eA	23°C
5	Tensile Strength at Max Load	30	MPa	DIN EN ISO 527-2	50mm/min
6	Elongation at Break	15	%	DIN EN ISO 527-2	50mm/min
7	Flexural Modulus	2600	MPa	DIN EN ISO 178	2mm/min
8	Melt Flow Rate	12	g/10min	DIN EN ISO 1133-1	230°C×2.16kg

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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