



Technical Datasheet

Ver. 2020

Material Type PP	Grade Name C6540HI-MX
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- Features**
- High Impact Resistance PP
 - Mainly for dilution
 - Medium Melt Flow

Material Standard

Availability North America/Asia Pacific

Process Method Injection Molding

Appearance Colors Optional

Applications Automotive Interior Parts

General Properties

No.	Properties	Methods	Units	Values	Test Conditions
1	Density	ISO 1183-1	g/cm ³	0.902	
2	Tensile Strength at Yield	ISO 527-2	Mpa	30	50mm/min
3	Flexural Modulus	ISO 178	Mpa	1550	2mm/min,64mm
4	Notched Impact Strength	ISO 180	kJ/m ²	7.5	23°C
5	Notched Impact Strength	ISO 180	kJ/m ²	4.0	-20°C
6	Heat Deflection Temp.	ISO 75-2	°C	120	0.45MPa,120°C/
7	Melt Flow Rate	ISO 1133-1	g/10min	31	230°C×2.16kg
8	Elongation at Yield	ISO 527-2	%	4.0	50mm/min

Processing Conditions

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|--------------------|---|-----------------|-------|
| Drying Cond. | • 80-100°C * 2h | Moisture Contro | • 0.1 |
| Injection 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 | | |

Note : The technical data above are authentic and reliable for reference. These value cannot be defined as the minimal performance value.