

Hanwha Total PP NB73I

Polypropylene

HANWHA TOTAL PETROCHEMICALS Co., Ltd.

Message:

NB73I is a polypropylene compound that has solved the problem of deformation, such as the bending that exists in PP/GF compounds, and offers high-temperature strength with the application of HIPPP. NB73I offers excellent heat-resistance and rigidity, while material costs are lower. This grade is perfect for use in automobile instrument panel core material.

General Information			
Features	High Heat Resistance		
	High Impact Resistance		
	High Rigidity		
	High Stiffness		
	High Temperature Strength		
	Isophthalic		
	Low Warpage		
Uses	Automotive Instrument Panel		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	64.7	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	4410	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	159	°C	ASTM D648

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Recommended distributors for this material

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