

## Technical Data Sheet

# P15TB-P8708

Homopolymer Polypropylene Filled with Talcum Powder

## Nirumand Polymer



Nirumand Polymer Co.  
Filled & Reinforced Engineering Plastics

### Product Description

P15TB-P8708 is homopolymer polypropylene filled with 15% talc offering better mechanical properties, dimensional stability, stiffness, good thermal and chemical resistance. This compound is used in automotive applications especially automotive heater box and other utility products. This grade is designed to be processed in conventional injection molding process.

### General Properties

Material Status •Commercial: Active

Forms •Pellets

Processing Method •Injection molding

Color •Black

Physical Properties	Value	Unit	Test Method
Density	1.02±0.05	gr/cm <sup>3</sup>	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	8±3	gr/10 min	ASTM D1238
Ash Content	15±3	%	ISO 3451/1
Mechanical Properties	Value	Unit	Test Method
Tensile Strength@yield	≥ 21	MPa	ISO 527
Elongation@Break	≥ 7	%	ISO 527
Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	≥ 3	kJ/m <sup>2</sup>	ISO 180
Notched Charpy Impact (23°C)	.....	kJ/m <sup>2</sup>	ISO 179
Hardness	Value	Unit	Test Method
Hardness (after 5 sec)	Min 60	Shore D	ASTM D2240

❖ Values shown are average & are not to be considered as product specifications.

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