

## Technical Data Sheet

### P60CN-H60

Homopolymer Polypropylene Filled with Calcium Carbonate

## Nirumand Polymer



Nirumand Polymer Co.  
Filled & Reinforced Engineering Plastics

#### Product Description

P60CN-H60 is homopolymer polypropylene filled with 60% calcium carbonate. This compound is used in building industry 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 • Natural

Physical Properties	Value	Unit	Test Method
Density	1.5	gr/cm <sup>3</sup>	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	.....	gr/10 min	Internal

Mechanical Properties	Value	Unit	Test Method
Tensile Strength@yield	16	MPa	ISO 527
Tensile Strength@Break	14	MPa	ISO 527
Elongation@Break	15	%	ISO 527
Flexural Modulus	1600	MPa	ASTM D790

Impact	Value	Unit	Test Method
Notched Izod Impact (23°C)	2.7	kJ/m <sup>2</sup>	ISO 180
Notched charpy Impact (23°C)	.....	kJ/m <sup>2</sup>	ISO 179

Hardness	Value	Unit	Test Method
Durometer Hardness	.....	Shore D	ASTM D2240

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

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