

Technical Data Sheet



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

PE30CN-HD60-4403

High Density Polyethylene Filled with Calcium Carbonate

Nirumand Polymer

Product Description

PE30CN-HD60-4403 is high density polyethylene filled with 30% calcium carbonate powder offering good balance of mechanical properties and dimensional stability, stiffness, good thermal and chemical resistance. This compound is used in , home appliance industry, housewares 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 •White

Properties	Value	Unit	Test Method
Density	1.2	gr/cm ³	ISO 1183
Melt Mass-flow Rate (MFR) (230°C/2.16 kg)	20	gr/10 min	ASTM D1238
Moisture	≤ 0.25	%	ASTM D570

Special Characteristics

Appropriate miscibility with base resin

The excellent dispersion of filler in the matrix

Increase of productivity

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

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