

Technical Data Sheet



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

NIRUCALCIT-I60

Low Density Polyethylene Filled with Calcium Carbonate

Nirumand Polymer

Product Description

NIRUCALCIT-I60 is low density polyethylene filled with calcium carbonate. It combines good toughness and stiffness, high flow and productivity of product. Moreover, it reduces raw materials cost. This grade is designed to be processed in injection molding process.

General Properties

Material Status	•Commercial: Active
Forms	•Pellets
Processing Method	•Injection molding
Color	•White

Properties	Value	Unit	Test Method
Density	1.98	gr/cm ³	ISO 1183
Filler Content	80	%	ISO 3451/1
Dispersion	Excellent	...	Internal
Moisture	≤ 0.25	%	ASTM D570

Special Characteristics

Appropriate miscibility with base resin

The excellent dispersion of filler in the matrix

Improve impact resistance of neat polyethylene

Increase of productivity

Decrease finished product cost

Increase stiffness and dimensional stability

White pigment saving

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

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