

## Technical Data Sheet



**Nirumand Polymer Co.**  
Filled & Reinforced Engineering Plastics

### NIRUCALCIT-LD60

Low Density Polyethylene Filled with Calcium Carbonate

## Nirumand Polymer

#### Product Description

NIRUCALCIT-LD60 is low density polyethylene filled with calcium carbonate. This grade features excellent filler dispersion in polymer resin, high melt flow index and impact resistance of finished product. This compound is used in injection molding process. Moreover, it results in improving productivity and decreasing product costs.

#### General Properties

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

Properties	Value	Unit	Test Method
Density	1.9	gr/cm <sup>3</sup>	ISO 1183
Dispersion	Excellent	...	Internal Method
Moisture	≤ 0.2	%	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.

Web-site: [www.npolymer.com](http://www.npolymer.com)

Address: Abbas abad Industrial Zone-Tehran-Iran

E-mail: [Sales@npolymer.com](mailto:Sales@npolymer.com)

Tel: (+9821)35000234 Fax: (+9821)43850755