

Technical Data Sheet



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

NIRUCALCIT-H60-CUW

Homopolymer Polypropylene Filled with Calcium Carbonate

Nirumand Polymer

Product Description

NIRUCALCIT-H60-CUW is homopolymer polypropylene filled with calcium carbonate with increased stiffness and better dimensional stability. This grade features high melt flow index and snowy/shiny appearance in finished products. This compound is used in garden furniture, home appliance industries, sanitary, housewares, electrical goods 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 | •Ultra White |

| Properties | Value | Unit | Test Method |
|----------------|-----------|--------------------|-------------|
| Density | 1.93 | 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 the filler in the matrix

High melt flow index

Increase of productivity

Increase stiffness and dimensional stability of finished product

Snowy/shiny appearance in finished products

No need to add white pigment

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

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