

## Technical Data Sheet



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

# NIRUCALCIT-H20

Homopolymer Polypropylene Filled with Calcium Carbonate

## Nirumand Polymer

### Product Description

NIRUCALCIT-H20 is homopolymer polypropylene filled with calcium carbonate with increased stiffness and better dimensional stability. This grade features low melt flow index and excellent filler dispersion in polymer resin. This compound is used in profile extrusion, sheet extrusion, housewares and other utility products. This grade is designed to be processed in extrusion process.

### General Properties

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

Properties	Value	Unit	Test Method
Density	1.85	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 the filler in the matrix

Low melt flow index

Increase of productivity

Increase stiffness and dimensional stability of finished product

White pigment saving

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

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