

Technical Data Sheet



Nirumand Polymer Co.
Filled & Reinforced Engineering Plastics

NIRUCALCIT-Raffia

Homopolymer Polypropylene Filled with Calcium Carbonate

Nirumand Polymer

Product Description

NIRUCALCIT-Raffia is homopolymer polypropylene filled with calcium carbonate. This grade features medium melt flow index, excellent filler dispersion in polymer resin and higher filament strength. This compound is used in thin cast films, PP multi-filament yarn production, fiber spinning and also can be used in conventional raffia application. This grade is designed to be processed in film casting and fiber spinning processes.

General Properties

Material Status	•Commercial: Active
Forms	•Pellets
Processing Method	•Film casting, Fiber spinning
Color	•White

Properties	Value	Unit	Test Method
Density	1.93	gr/cm ³	ISO 1183
Filler Content	80	%	ISO 3451/1
Dispersion	Excellent	...	Internal
Moisture	≤ 0.1	%	ASTM D570

Special Characteristics

Appropriate miscibility with base resin

The excellent dispersion of the filler in the matrix

Medium melt flow index

Increase of productivity

Decrease product cost

Increase extensional resistance of produced filament

White pigment saving

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

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