

## Technical Data Sheet



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

# NIRUCALCIT-Raffia 60

Homopolymer Polypropylene Filled with Calcium Carbonate

## Nirumand Polymer

### Product Description

NIRUCALCIT-Raffia 60 is homopolymer polypropylene filled with calcium carbonate. This grade features high 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             | •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 the filler in the matrix

High 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.

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