



## **PP- Fill 102**

### **Calcium Carbonate Masterbatch for Polymeric Film and Injection Molding Products**

#### **Description**

Calcium carbonate is an excellent cost-effective filler in plastic products. Calcium carbonate masterbatch is primarily used to reduce the overall cost and increase the hardness of the final product. Our calcium carbonate masterbatch, which can contain up to 81% calcium carbonate, can help you reduce cost while improving the strength, surface texture, and printability of your plastic product.

#### **Applications**

- Polymer films
- Injection-molded and blow-molded parts
- Textile industry
- Packaging industry

#### **Features**

- Reduction in the cost of the final product
- Improved compressive and tensile strength
- Anti-blocking property and prevention of layer adhesion
- Improved mechanical and visual properties
- Improved printability in the final product
- An inexpensive alternative to masterbatch due to the white color of calcium carbonate



## Physical Properties

Property	Typical Value (Data should not be used for specification work)	Test Method
Density	1.80±0.2 g/cm <sup>3</sup>	ISO 1183
Melt Flow Rate (190 °C/5 kg)	0-1 g/10min	ISO 1133
Melt Flow Rate (190 °C/2.16 kg)	1-10 g/10min	ISO 1133
Filler Content	82±2 %	ISO 3451
Moisture Content	≤ 0.2 % WT 60 min /105C	QCW 102
Thermal Aging	100%	ASTM D3895

## Packaging

Package options: 25kg bags and jumbo bags (1-1.25 MT)

## Storage

While the product contains carbonate calcium and its sensitivity to moisture, storage conditions should be in a dry, cool, and ventilated environment. Any exposure to moisture and water is prohibited. More information on storage is found in the Safety data sheet (SDS) for this product.

## Safety

Check and follow local codes and regulations! Please see our Safety Data Sheet for details on various aspects of safety, recovery and disposal of the product. For more information, please contact our Sales Team