

	<b><i>Novin Baspar Sazeh Co.</i></b>	<b>2023</b>
	<b>NovinFill-ECC802</b>	<b>Filler Masterbatch</b>

## Datasheet for CaCO<sub>3</sub>-Filled Masterbatch, NovinFill-ECC802

### Introduction

This group of polymeric masterbatches with trade name NovinFill<sup>®</sup> is based on PE, and highly loaded with calcium carbonate (CaCO<sub>3</sub>) with intention to reduce the price of the final product. This grade, NovinFill-ECC802, is specifically designed for polyethylene blown films of various thicknesses. Proper matrix design as well as incorporating calcium carbonate with a proper particle size will result in lowering the price even further while maintaining the desired properties.

### Specifications

Property	Value
Appearance	Milky White Round Pellet
Filler Content (wt%)	80±1
MFI (@190 °C/2.16 kg)	1-1.5
Density (g/cm <sup>3</sup> )	1.9
Moisture Content (wt%)	max 0.05
Carrier Resin	Polyethylene
Addition Rate	Max 75 wt % depending on desired effect

## **Guideline to Use**

Recommended addition rates of NovinFill-ECC802 are between 15 and 60% by weight of the masterbatch, depending on the processing type, the polymer grade and the used additive in final formulation.

## **Applications**

Suitable for film blowing process

## **Packaging**

The standard packing is 25 kg laminated PP woven bags.

## **Storage**

Keep the product in cool & dry place with good ventilation. Away from rain pour and not under heavy loads.

The information in this data sheet represents typical values obtained by us and should not be regarded as a specification.

We condition that the product will be inspected and qualified by the customer for his process to meet the specific requirements set by application, processing equipment and end product.

### **Contacts:**

Detailed information on special applications and technical information is available at the Technical Department.

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