

	<i>Novin Baspar Sazeh Co.</i>	2023
	NovinFill-PCC801	Filler Masterbatch

Datasheet for Polypropylene/CaCO₃-Filled Masterbatch, NovinFill- PCC801

Introduction

This group of polymeric masterbatches with trade name NovinFill[®] are based on PP, and highly loaded with calcium carbonate (CaCO₃) with intention to reduce the price of the final product in different processes such as cast film, injection molding, blow molding, and in particular raffia and yarns for big bag. 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	Whitish Round Pellet
Filler Content (wt%)	~81±1
MFI (@230 °C/2.16 Kg)	1.5-2.3
Density (g/cm ³)	1.9
Moisture Content (wt %)	Max 0.05
Carrier Resin	Polypropylene
Addition Rate (wt%)	5-20 % depending on desired effect

Guideline to Use

Recommended addition rates of NovinFill-PCC801 are between 5 and 20% by weight of the masterbatch, depending on the processing type, the polymer grade and the used additive in final formulation.

Applications

Highly recommended for PP raffia fibers and tape yarns

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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