

Product Name: BMC Basic
Compound for Injection Molding Application

Use Options

BMC Products are high filled materials by functional fillers. Furthermore, the products include several of processing aids to generate a better connection between polymer, filler and supplier product. In addition, the products have a positive input to the price level of the material recipe and on the performance of the equipment. Based on C8-LLDPE matrix and filled with coated, finely dispersed CaCO₃. This product has as also a positive CO₂ footprint compared with pure polymers.

This additive can be used in different percentages of the material recipe depending on the final application.

It can be added to the following materials using a simple dosing unit on the injection molding machine.

PP, PE, POM, ABS

Starting with 5% addition of the BMC product to the normal process, check the parameters and condition of the injection molding machine and the injection mould.

Depending on the machine and mould conditions, increase the addition of the material step by step to the desired percentage, always observing the machine and mould parameters.

At the end of the process, it is necessary to test and analyze the end product to determine whether the desired technical properties of the end product have been achieved and maintained.

Property	Value	Unit
Density (20°C)	1,7	g/cm ³
Bulk Density	0,95	g/cm ³
MFI 190°C / 5 kg	2,0	g/10 min

Packaging

- Octabin

Food approval

The product can be used for hygiene and food contact application through the confirmation of our suppliers. The used raw materials met food contact guidelines [EU Nr. 10/2011].

Disclaimer:

The values stated are typical values. Unless expressly agreed with us in writing, they do not represent guaranteed values or product specifications in the sense of an agreed quality. The stated values may be influenced by tool design, processing conditions or by the coloring of the product. Unless otherwise stated, the specified property values were determined on standardized test specimens at room temperature.