

## MBFP CAL

### Masterbatch of CaCO<sub>3</sub> + PE

Grade : MBFP TC- E1

#### Applications

1. Flat yarn
2. Strapping band
3. Injection molding, blow molding, extrusion molding

#### Features

1. MBFP TC-E1 is a PE-based masterbatch containing ultra-fine calcium carbonate. It is grayish white color with excellent dispersibility.
2. It can be mixed with PE resin for extrusion, thermal forming, injection etc. and is easy to disperse with good compatibility. It functions as a modifier to improve the heat resistance, gloss, flexural strength, size stability, printability and texture. It also reduces heat release from burning, thus prevents further environmental pollution.

#### Processing suggestions

1. General loading at 5~20 % with variation according to the product.
2. The processing temperature is set according to resin' s processing temperature. Generally at 240±30°C.

#### Basic properties

Properties	Test method	Unit	Typical value
Base material	.....	.....	PE, APP
CaCO <sub>3</sub> content	.....	%	80
Density@23°C	ASTM D1505	g/cm <sup>3</sup>	1.9
MI@2.16kg/190°C	ASTM D1238	g/10mins	3~23
Moisture	IR moisture meter	%	< 0.25
Shape	.....	granule	2-3mm <sup>φ</sup>

Packing : 25kg/bag