

PRODUCT DATA SHEET
Filler Master Batch
Product Number: EB8-1

I- Applications:

1. PE shopping bags & garbage bags, industrial films, packaging material & containers..etc
2. In general for injection, extrusion, film blown molding technology

II- Features

1. EB8-1 is a Polyethylene based masterbatch containing 80 % CaCO₃ with white undertone and excellent dispersion..
2. It helps improve for production output efficiency and increase film & mold's physical properties like stiffness, heat resistance.
3. It can be mixed with any polyethylene resin for film blowing, casting, blow moulding, compounding, sheet extrusion. It functions also as a modifier to improve the heat resistance, slip resistance, size stability. It also reduces heat release from burning and therefore it prevents further environmental pollution.

III- Physical Properties: (Test result is recorded after production)

Item code: EB8-1	Test Method	Unit	Result	About Result Allowed
Carrier resin			LLDPE	
CaCO ₃ Content	ASTM D5630	%	80	79.0 - 81.0
Bulk Density	ASTM D792	g/cm ³	1.90	1.80 - 2.0
Moisture content	ASTM D6980	%	≤ 0.15	
Melting flow index (190°C/2.16 kg)	ASTM D1238	g/10mins	1.2	1.1 - 1.3
Granule size size	Caliper	mm	2.2	1.8 - 2.5
Particle Size CaCo ₃	Malvern 3000 E	Micron	10 (D97)	
CaCO ₃ Powder Size (Mean Particle size)	Malvern 3000E	Micron	2 (D50)	

IV- Processing suggestions

1. In general, the recommended loading ratio is from 5 - 30 % depending on technology, products or machines.
2. The processing temperature is set from 120-280 °C according to resin's processing temperature.

V- Package, Transportation and Storage suggestions:

1. Please kindly note to avoid moisture, isolation and breakage in transportation and storage.

2. The product is sensitive to moisture. Make sure to use product immediately after opening bags. Please dry materials by hot air recycle machine under 90 degrees C at least 30 minutes in case of or to remove moisture or add our dessicant 70 % CaO EMDE 1492 from 1 % to 4 % depending of the moisturelevel in the CaCo3
3. Packing : 25 kgs/bag/ 1250 kg per pallet printed or non-printed BIG BAG of 1250 kg

Scandinavian Trading Sweden AB would not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process PE filler within 8 months after production date.