



MICROFILLER PE 80 COMPOUND

Microfiller[®]

Calcium Carbonate Compound

General Description

This product contains: CaCO₃, polyolefin and other additives. It's suitable for extrusion, blowing film, threading yarn, injection moulding, etc. It will bring for the end product more whiteness, opalescent and more glossy, smooth's surface.

Properties

Name	: MICROFILLER PE 80
Product Type	: Calcium Carbonate Masterbatch
Color	: White
Appearance	: Granule
Pellet Size	: 3x3 (±0.1) mm
Recommended Usage Rate	: 10 - 30 %, 45% (max)
Carrier Resin	: LLDPE
Application	: Film blowing, blow moulding, injection moulding
Compatibility	: LDPE, HDPE, LLDPE, PS
Packaging	: 25 kgs/bag
Storage	: Keep at dry condition

Technical Information

Classification Test Items	Test Method	Unit	Results
Melt Index (190°C/2160g)	ASTM D 1238	g/10 mins	1.98
Moisture Content	ASTM D 570	wt%	0.03
Specific Gravity	ASTM D 792		1.90
Calcium Carbonate (CaCO ₃) Content	ASTM D 5630	wt%	80±3
Melting Point		°C	120-130
Particle size of CaCO ₃ powder (D50)		µm	3

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