



環保碳酸鈣膠粒

Eco-friendly calcium carbonate compound

由碳酸鈣與HDPE或PP基材所構成之複合濃縮膠粒

Composite compound composed of calcium carbonate and HDPE or PP



綠色環保
Green material



減塑
Plastics reduction



高剛性
High flexural
modulus



耐衝擊性
Good impact
resistance



霧面
Matte texture

台灣塑膠工業股份有限公司
FORMOSA PLASTICS CORPORATION

產品特性 Features

1

配合50~60%之高品級碳酸鈣粉，經押出機製成之複合濃縮膠粒，色澤白、具良好加工性。

This compound contains 50~60% high quality calcium carbonate with excellent dispersion. It is white colored with good processability.

2

可直接使用於吹塑或射出成型加工製程中，降低塑膠製品的碳排放，主要應用於**綠色包裝容器**。

It could be directly applied in blow molding or injection molding process. Especially suitable for packaging due to the reduction of overall plastics content.

3

具高剛性、耐衝擊性、尺寸安定性及霧面消光質感。

With high flexural modulus, good impact resistance, dimensional stability and matte texture.

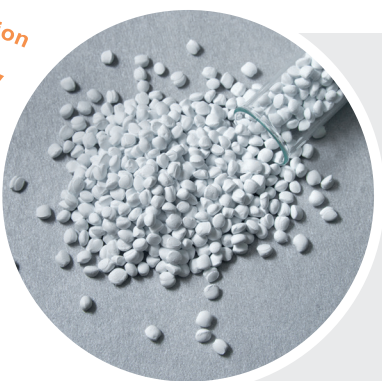


項目 Properties	測定方法 Test method	單位 Unit	UCC-MH8	UCC-MP8
基材 Carrier	—	—	HDPE	PP
CaCO ₃ 含量 CaCO ₃ content	—	%	50~55	55~60
熔融指數(MI) Melt Index @2.16kg/190°C	ASTM D1238	g/10mins	<1	--
熔融指數(MI) Melt Index @2.16kg/230°C	ASTM D1238	g/10mins	--	10
密度 Density	ASTM D1505	g/cm ³	1.55	1.55
水份 Moisture	IR水份分析儀 IR moisture meter	%	<0.20	<0.20
形狀 Appearance	—	圓錠狀膠粒 Granule	3~4mm ^Φ	3~4mm ^Φ
應用 Applications	—	—	吹塑成型 Blow molding	射出成型 Injection molding

Plastics Reduction

減
塑

50%
OFF



綠色環保-永續包裝材料
Eco-friendly Green Packaging Material

50%↑

碳酸鈣
Calcium carbonate

塑膠(PP, PE)
Plastics(PP, PE)



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(2024.3.300.34)