

FEATURES

- ▶ Engineered particle size distribution
- ▶ Patented proprietary coating designed specifically for polyester resin systems

BENEFITS

- ▶ Reduced resin demand below 20% in cultured marble manufacturing
- ▶ Improved surface appearance and reduced porosity
- ▶ Increased tensile and compression strengths

SHIPPING INFORMATION

Marble-Pfill® OPTUM ships from Lucerne Valley, CA

Product is available in 50 lb. bags and supersacks.

For availability and minimum order quantity, contact customer service.

SALES OFFICES

Lucerne Valley, CA
800-255-5832

Bethlehem, PA
800-801-1031

www.mineralstech.com

▶ **GCC**

▶ **Talc**

▶ **Specialty PCC**

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MARBLE-PFILL® OPTUM

Bright White Ground Calcium Carbonate

Product Description

Marble-Pfill® OPTUM ground calcium carbonate is designed specifically for cultured marble and cast polymer manufacturing. This highly specialized GCC filler was created to lower manufacturing costs in polyester resin systems by optimizing particle packing and reducing resin demand, without sacrificing quality. The added benefits of our engineered PSD (particle size distribution) and proprietary coated component include improved surface characteristics, better pigment dispersion, as well as increased tensile and compression strengths.

Typical Physical Properties

Dry Brightness (Hunter Y, Rd Value)	90
Dry Color, (b value)	2.1
Oil Absorption, (g/100g)	8.0

*Values listed are typical, not to be considered as specifications.

Chemical Properties

Calcium Carbonate (CaCO ₃)	98%
Magnesium Carbonate (MgO)	<0.5%
Iron as (Fe ₂ O ₃)	<0.1%
Moisture (% weight loss @110°C)	<0.2%

*Values listed are typical, not to be considered as specifications.

Mesh	% Retained
30	Clean
40	0-1
50	5-15
70	10-20
100	15-25
140	10-20
200	5-15
-200	25-35*
Total	100%

**the -200 mesh fine coated component acts like an 80 mesh uncoated GCC.*

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