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OMYA SMARTFILL 50 - FL

PRODUCTION SITE:

Florence, VT/USA
(certified ISO 9001, ISO 14001 and ISO 45001)

SPECIFIC PRODUCT DESCRIPTION:

Ultra-fine calcium carbonate powder with good dispersion properties, manufactured from a high purity, white marble.
Omya Smartfill 50 is in particular for the use in bioplastics like Poly-lactic Acid (PLA), Polyhydroxyalkanoate (PHA) and compounds made of it.
Omya Smartfill demonstrate almost no hydrolysis when processed at high loading

SPECIFIC PRODUCT DATA:

Fineness :
• Particles < 2 µm (Omya GLS 041) ¹ 48 %

Optical Properties:
• CIE L* (ISO 11664-4) 97

Moisture ex works (ISO 787-2) 0.03 %

¹ Sedigraph

GENERAL PRODUCT DATA:

Loose Bulk density (Omya GLS 001) 0.7 g/cm³

MAIN APPLICATIONS:

- Blown film
- Cast film
- Thermoforming
- Injection molding

BENEFITS:

- Increased in mechanical properties
- Higher opacity
- Reduced formulation costs
- Improved heat transfer

STANDARD PACKAGING:

Big Bags, Bag of 25 kg on pallet, Bulk