



Omya International AG
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OMYAFLOW F - PT 74%

PRODUCTION SITE:

PERTH, Canada
(certified ISO 9001, ISO 14001, ISO 45001)

SHORT DESCRIPTION OF THE PRODUCT:

Very fine, pre-dispersed ground calcium carbonate based on very white and pure raw material. Slurries offer an optimized particle distribution with excellent rheology properties and dust-free handling.

CHEMICAL ANALYSIS OF THE RAW MATERIAL:

CaCO ₃	97	%
MgCO ₃	2	%

SPECIFIC PRODUCT DATA:

¹ Sedigraph

Fineness:

• Residue on a 45 µm sieve (Omya GLS 022)	2	ppm
• Residue on a 20 µm sieve (Omya GLS 022)	175	ppm
• Top cut (d98%) (Omya GLS 041) ¹	6	µm
• Median particle size (d50%) (Omya GLS 041) ¹	1.4	µm
• Particles < 2 µm (Omya GLS 041) ¹	63	%
• Particles < 1 µm (Omya GLS 041) ¹	38	%

Optical Properties:

• Brightness Tappi (R457, Omya GLS 035)	97	%
• CIE L*, a*, b* (Omya GLS 035)	98.2 / -0.1 / 0.3	
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GENERAL PRODUCT DATA:

Solids content (Omya GLS 028)	74	%
Density slurry (Omya GLS 092)	1876	kg/m ³
Specific surface area (Omya GLS 067)	8.1	m ² /g
pH value (Omya GLS 045)	9.2	
Brookfield Viscosity ex works (Omya GLS 015)	150	mPas
Specific gravity (ISO 787-10)	2.71	

MAIN APPLICATIONS:

Decorative paints
Industrial Coatings
Plasters, Renders and Joint Fillers

REGULATORY APPROVALS:

This product may be used as an indirect food additive in food packaging applications un-der 21 CFR (FDA) 174.5, 175.300, and 178.3297. It does not qualify as a substance permitted for direct addition to human food.

STANDARD PACKAGING:

Bulk
IBC