



Omya International AG
P.O. Box
CH-4665 Oftringen

+41 62 789 29 29
+41 62 789 20 77

www.omya.com

HYDROCARB 90 - PT 76%

PRODUCTION SITE:

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

SHORT DESCRIPTION OF THE PRODUCT:

An ultrafine ground calcium carbonate, dispersed in a slurry form.

CHEMICAL ANALYSIS:

CaCO ₃	97	%
MgCO ₃	2	%

SPECIFIC PRODUCT DATA:

¹ Sedigraph

Fineness:		
• Residue on a 45 µm sieve (Omya GLS 022)	1	ppm
• Residue on a 20 µm sieve (Omya GLS 022)	15	ppm
• Median Particle Size (d50%) (Omya GLS 041) ¹	0.7	µm
• Top cut (d98%) (Omya GLS 041) ¹	2.5	µm
• Particles < 2 µm (Omya GLS 041) ¹	94.5	%
• Particles < 1 µm (Omya GLS 041) ¹	68	%
Optical Properties:		
• Brightness R457 (Omya GLS 035)	96	%
• CIE L*, a*, b* (Omya GLS 035)	98 / -0.2 / 0.1	

GENERAL PRODUCT DATA:

Solid content (Omya GLS 028)	76	%
Slurry density (Omya GLS 092)	1921	kg/m ³
Specific surface Area (Omya GLS 067)	12.3	m ² /g
Raw Density (ISO 787-10)	2.71	
pH value (Omya GLS 045)	9.1	
Brookfield viscosity ex works (Omya GLS 015)	200	mPas

MAIN APPLICATIONS :

Coating pigment for the paper and board industry.

REGULATORY APPROVALS:

This product may be used as an indirect food additive in food packaging applications under 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

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