



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

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

www.omya.com

HYDROCARB 60 - PT 74%

PRODUCTION SITE:

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

SHORT DESCRIPTION OF THE PRODUCT:

A fine ground calcium carbonate, dispersed in a slurry form.

CHEMICAL ANALYSIS:

| | | |
|-------------------|----|---|
| CaCO ₃ | 98 | % |
| MgCO ₃ | 1 | % |

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) | 172 | ppm |
| • Median Particle Size (d50%) (Omya GLS 041) ¹ | 1.4 | µm |
| • Top cut (d98%) (Omya GLS 041) ¹ | 6 | µm |
| • Particles < 2 µm (Omya GLS 041) ¹ | 63 | % |
| • Particles < 1 µm (Omya GLS 041) ¹ | 38 | % |
| Optical Properties: | | |
| • Brightness R457 (Omya GLS 035) | 97 | % |
| • CIE L*, a*, b* (Omya GLS 035) | 98 / -0.1 / 0.3 | |

GENERAL PRODUCT DATA:

| | | |
|--|------|-------------------|
| Solid content (Omya GLS 028) | 74 | % |
| Slurry density (Omya GLS 092) | 1876 | kg/m ³ |
| Specific surface area (Omya GLS 067) | 8.1 | m ² /g |
| Raw Density (ISO 787-10) | 2.71 | |
| pH value (Omya GLS 045) | 9.2 | |
| Brookfield viscosity ex works (Omya GLS 015) | 145 | 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:

Bag

The information contained in this Product Information Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information provided herein is based on technical data that Omya believes to be reliable, however Omya makes no representation or warranty as to the completeness or accuracy thereof and Omya assumes no liability resulting from its use or for any claims, losses, or damages of any third party. Recipients receiving this information must exercise their own judgement as to the appropriateness of its use, and it is the user's responsibility to assess the material's suitability (including safety) for a particular purpose prior to such use.

edition: 15.09.2023
version: 2