



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

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

www.omya.com

BETOCARB F - PT

PRODUCTION SITE:

PERTH, Canada
(certified ISO 9001, ISO 14001, ISO 45001)
Product meets ASTM C1797

SHORT DESCRIPTION OF THE PRODUCT:

Betocarb F produced from high purity raw material and of high fineness is specially designed to improve the fine packing density and the early strength of cement-based systems. Betocarb F contributes positively to improve the aesthetics and productivity. Betocarb F can partially replace SCMs and viscosity modifiers.

CHEMICAL ANALYSIS:

Total Carbonates	97	%
Total organic carbon (TOC)	0	%
Methylene blue value	0.3	mg/g

SPECIFIC PRODUCT DATA:

¹ Malvern Mastersizer
² Sedigraph

Fineness:		
• Particles < 50 mesh (Omya GLS 021)	100	%
• Particles < 100 mesh (Omya GLS 021)	100	%
• Particles < 200 mesh (Omya GLS 021)	100	%
• Particles < 325 mesh (Omya GLS 021)	100	%
• Median Particle Size (d50%) (Omya GLS 010) ¹	3	µm
• Top cut (d98%) (Omya GLS 041) ²	10	µm

Optical Properties:		
Brightness Ry (Omya GLS 035)	94	%

Moisture ex works (Omya GLS 006)	0.1	%
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GENERAL PRODUCT DATA:

Specific gravity (ISO 787-10)	2.71	
Specific surface area (Omya GLS 067)	3.17	m ² /g
Strength Activity Index (% of control @28 °C)	84	%
Water requirement (max. % mass of control)	100	%
Fineness	1309	m ² /kg
Loose bulk density (Omya GLS 001)	0.61	g/ml
Tapped bulk density (Omya GLS 002)	1.07	g/ml

MAIN APPLICATIONS :

Prestressed concrete
Dry cast elements
Dry mortars

STANDARD PACKAGING:

Bulk
Big Bag

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