



////// **DATA**



Quality
Endorsed
Company
AS 3902/ISO 9002
Lic No 457
Standards Australia

OMYACARB 5

Omyacarb 5 is made from selected high grade crystalline calcium carbonate and is widely used, particularly in the paint and plastics industries where high brightness, fine particle size and low oil absorption are required.

TYPICAL CHEMICAL ANALYSIS

			Typical
Calcium carbonate	CaCO ₃	%	≥95.0
Magnesium carbonate	MgCO ₃	%	≤4.0
Acid Insolubles		%	≤1.5

TYPICAL PHYSICAL PROPERTIES

1. Brightness (DRY)	%	93.5
2. Oil absorption	g/100g	16
DOP absorption	g/100g	30
3. Surface area	m ² /g	2.8
4. Specific gravity		2.7
5. Moisture content	%	0.2
6. Bulk density, loose	g/cc	0.7
tapped	g/cc	1.3
7. Sizing analysis:		
Top cut	microns	25
Average (MPD)	microns	4.9
Residue on 45 um screen	%	0.03

TEST METHODS

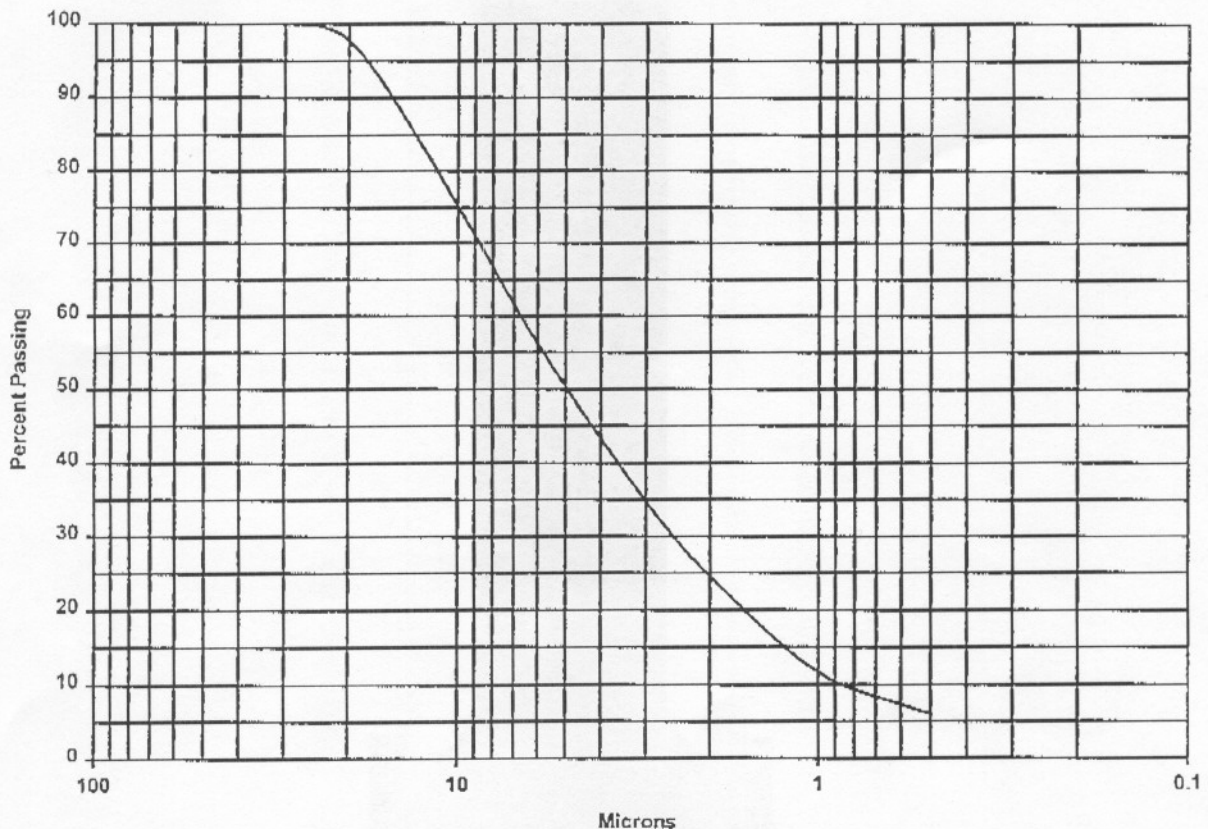
1. Elrepho Reflectometer: DRY - GREEN FILTER
2. Rub Out: ASTM D281-31
3. BET Method: Nitrogen gas absorption
4. Water immersion
5. Weight loss at 105°C
6. As per DIN 53194
7. Sedimentation: Andreasen pipette

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OMYACARB 5**APPLICATIONS**

Plastisols
 Polyester and epoxy resins
 Polyurethanes
 Adhesives and sealing compounds
 Interior and exterior emulsion paints
 Oil and synthetic resin systems

PARTICLE SIZE DISTRIBUTION**ACOIN/AICS**

NAME Limestone
 NUMBER 1317-65-3
 MOLECULAR FORMULA CaCO_3

Issue Date	21/11/96
Issued By	G Cameron
Form No	BF-OC5DS

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