

XEOCARB™ 1T

Product Description: XEOCARB™ 1T is a white powder composed of a high purity calcium carbonate with an ultrafine particle size. It has been treated with a hydrophobic coating of stearic acid, providing excellent dispersion and anti-caking properties. It has been produced from a high purity naturally occurring mineral. This product is in accordance with FDA regulations title 21 FDA CFR sections 174.5, 175.300, 178.3297 and 184.1409.

Applications: XEOCARB™ 1T is used in adhesives, cements, sealants, grouts, textured coatings, polyurethanes, polyesters, PVC and latex systems.

Chemical Formula: CaCO₃

CAS No. : 471-34-1

Specifications:

Parameters (units)	Typical Specifications
Calcium carbonate, approx. (%)	99
Magnesium oxide (%)	< 1
Iron oxide, approx. (%)	0.02
Moisture (%)	< 0.25
Residue retained on 325 mesh (%)	≤ 0.100
Top cut particle distribution, D98, approx. (µm)	8
Mean particle size, D50, approx. (µm)	2
Particle size distribution, D10, approx. (µm)	0.4
Whiteness, WICIE (%)	> 80
Brightness, (Ry C/2°)	> 85
pH, 10% aqueous solution, approx.	9.28
Loose bulk density, approx. (g/mL)	0.67
Packed bulk density, approx. (g/mL)	1.0
Oil absorption, approx. (Oil g / 100g)	25
Stearic acid, approx. (%)	1

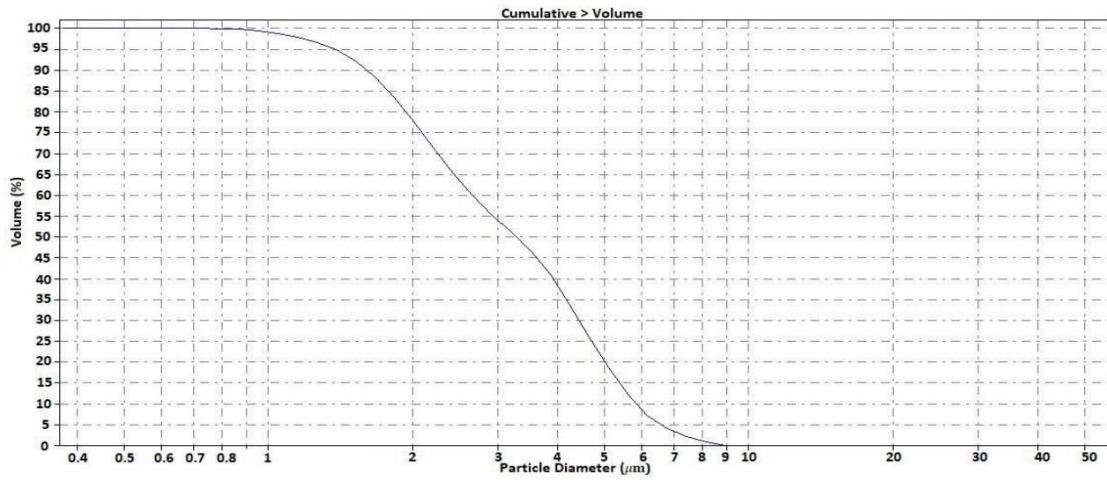
Packaging: Packaging options available upon enquiry.

Storage: Product should be stored in a cool and dry place in sealed, original packaging. For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer:

This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

Particle Size Distribution:



*Determined using a Beckman Coulter LS 13 320 Particle Size Analyzer

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