



CalCarb® AC3

Ground Calcium Carbonate

TECHNICAL DATA SHEET

Product Description

CalCarb® AC3 is a 3-micron median particle size, off-white natural calcium carbonate filler especially suitable for PVC and LDPE plastic compounds where its 15-micron top-cut, low silica content and spherical shape combine to give low processing equipment wear and high impact resistance. No dispersants or grinding aids are used in the manufacturing of CalCarb® AC3.

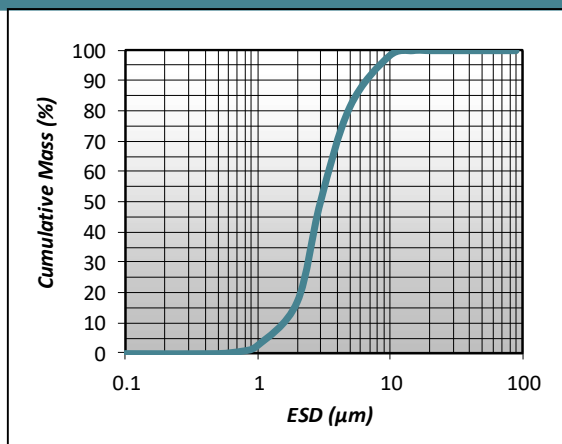
Typical Chemical Properties

CaCO ₃	98.2%
MgCO ₃	0.7%
Silica (SiO ₂)	0.7%
Alumina (Al ₂ O ₃)	0.2%
Iron (Fe ₂ O ₃)	0.06%
Crystalline Silica	<0.3%
Free Moisture	<0.3%

Typical Physical Properties

Median Particle Size	3 micron
Top Cut, D99	15 micron
Specific Surface Area	2.3 m ² /g
Hunter Brightness	80
325 (45 µm) Mesh Residue	0.005%
Apparent Dry Bulk Density - Loose	35 lbs/ft ³
Apparent Dry Bulk Density - Packed	55 lbs/ft ³

Particle Size Distribution



Available Certifications

- ✓ NSF Standard 14



Certified to NSF/ANSI/CAN 60

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