

VICRON® (Lucerne Valley, CA)

fine ground limestones

The VICRON® series of fine ground limestone represents a full range of high calcium limestone products for general purpose filler applications. VICRON® limestone products are characterized by their controlled particle size, low surface area, high brightness and low oil absorption relative to other industrial minerals. They find use as extenders and property enhancers in paint and coatings formulations, thermoplastic and thermoset polymers and many types of building products.

Uniformity is insured by the careful control of all processing conditions. These VICRON® products are manufactured from a high quality deposit of limestone located in Lucerne Valley, CA, and therefore, have consistent chemical and mineralogical composition.

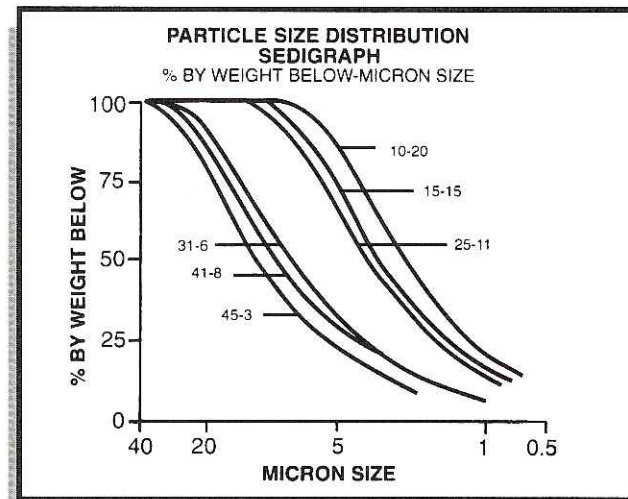
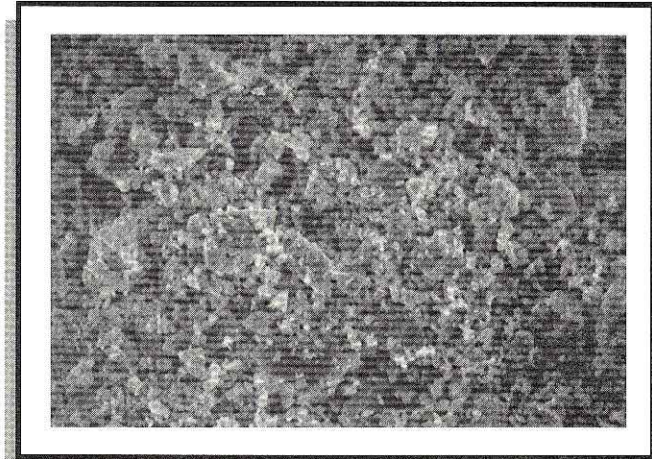
Typical Properties

| | 10-20 | 15-15* | 25-11 | 31-6 | 41-8 | 45-3 |
|--|-------|--------|-------|-------|-------|-------|
| Average Particle Size (microns) | 2.0 | 3.5 | 4.0 | 9.0 | 9.5 | 13.0 |
| +325 Mesh (weight percent) | 0.001 | 0.001 | 0.001 | 0.040 | 0.080 | 0.100 |
| Specific Gravity | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| Dry Brightness (Hunter Y, Rd value) | 97 | 96 | 96 | 95 | 95 | 95 |
| Bulk Density (pounds/ft ³) | 28 | 29 | 30 | 36 | 37 | 43 |
| (grams/cc) | 0.45 | 0.46 | 0.48 | 0.58 | 0.59 | 0.69 |
| Tap Density (pounds/ft ³) | 68 | 71 | 77 | 90 | 92 | 102 |
| (grams/cc) | 1.09 | 1.14 | 1.23 | 1.44 | 1.47 | 1.63 |
| Surface Area (meters ² /gram) | 4.1 | 3.2 | 3.0 | 1.6 | 1.7 | 1.0 |

Chemical Composition (typical)

| | | |
|-----------------------------------|--------------------------------|---------|
| Calcium Carbonate | CaCO ₃ | 98.5% |
| Magnesium Carbonate | MgCO ₃ | 1.0% |
| Iron as | Fe ₂ O ₃ | <0.025% |
| Moisture (% weight loss @ 110° C) | H ₂ O | <0.2% |

*VICRON® 15-15 is listed under the NSF generic listing program for CaCO₃.



All products are sold on the understanding that the user is solely responsible for determining their suitability for the intended use. All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto or with respect to the infringement of any patent. SMI MAKES NO WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH ANY SALE OF THE PRODUCTS DESCRIBED HEREIN. Inconsistent terms and conditions contained in Buyer's purchase order shall not be binding on SMI/BMI unless reflected in writing signed by SMI/BMI's representative. This information is not to be copied, used in evidence, released for publication or public distribution without written permission from Specialty Minerals Inc./Barretts Minerals Inc.

Sales Offices

Bethlehem, PA • (800) 801-1031
Lakewood, CA • (800) 255-5832
Adams, MA • (800) 225-1156
www.mineralstech.com

VICRON® is a registered trademark of Minerals Technologies Inc. or its subsidiaries.
©Specialty Minerals Inc. 1999

Vc(LV)0010199