

STURCAL® F

precipitated calcium carbonate (pcc)

The STURCAL® precipitated calcium carbonate (pcc) grades, manufactured at Specialty Minerals, Lifford, are microcrystalline white powders characterized by their high chemical purity, controlled particle shape and particle size distribution.

STURCAL® pcc products are distinguished by their different bulking properties or apparent density ranges.

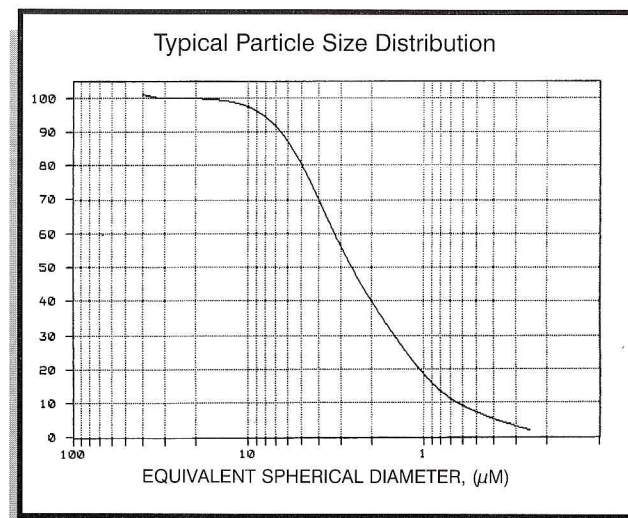
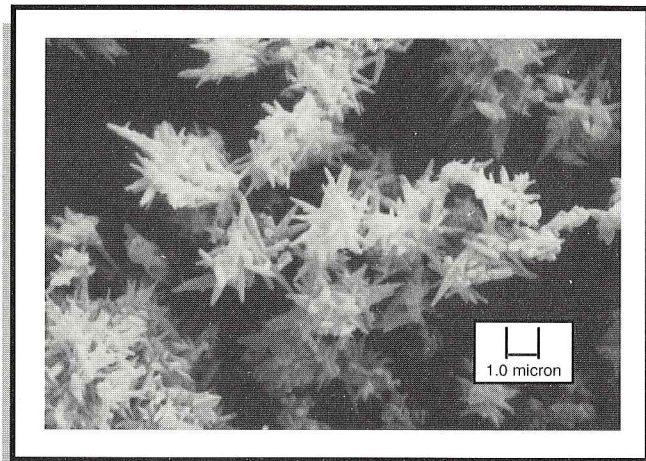
STURCAL® F pcc consists of agglomerates of acicular aragonite crystals.

STURCAL® F pcc meets the requirements of the British, European and United States Pharmacopoeia.

APPLICATIONS:

STURCAL® F pcc is manufactured primarily for use in the dentifrice, pharmaceutical and food industries. A variety of other applications include use in confectionary, car polish, inks and plastics.

STURCAL® F pcc is used predominantly in dentifrice because of its specific flow and polishing properties.



| Test | Units | STURCAL® F pcc |
|---|--------------|----------------|
| Appearance | | White powder |
| Apparent Density | g/ml | 0.32 to 0.43 |
| Aragonite Content | % | 50 min. |
| +75 μm (British standard) sieve residue | % | 0.3 max. |
| Residual (Sturge) alkalinity | ml of 1M HC1 | 0.5 max. |

STURCAL® F pcc is supplied to the above specification unless otherwise formally agreed.

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.

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