

Product Data Sheet

Silverline® 001



Description and Applications

Silverline® 001 is a high purity platy Talc that is used as a flux for high-alumina ceramics and sanitary ware. Silverline® 001 is an excellent fluxing and processing additive for brick, clay pipe, roofing and floor tile manufacture.

Typical Properties*

200 Mesh (74 microns), % Passing	98
Specific Surface Area, m ² /g	10
Specific Gravity	2.8
Moisture, wt%	0.5
Loose Bulk Density, lbs/ft ³	28

** Notice: Although the data listed are typical, they are not production specifications. The supplier provides the data in good faith as typical of normal production, however it makes no warranty or representation of any kind, express or implied, regarding the information given or product described including any warranty of suitability for a particular purpose.*

Mineral Analysis (by X-Ray Diffraction)

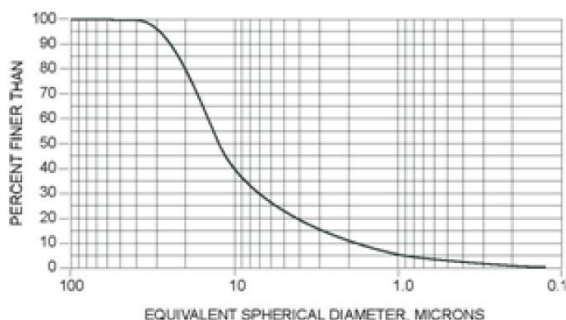
Talc, %	>96
Dolomite, %	<4

Chemical Analysis (by XRF)

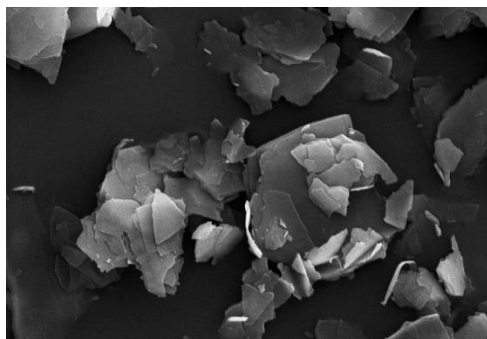
SiO ₂ , %	60.1
MgO, %	31.5
Al ₂ O ₃ , %	0.3
CaO, %	0.8
Fe ₂ O ₃ , %	1.8
LOI, %.....	5.5

Particle Size Distribution (by Sedigraph)

Median Diameter: 14 microns



Micrograph (by Scanning Electron Microscopy)



For more information, please visit www.magristalc.com