



FortiTalc[®] MP 12-50 HC Compacted Talc

A subsidiary of Specialty Minerals Inc. **Barretts Minerals Inc.** Technical Data **FortiTalc[®] MP 12-50 HC**

FortiTalc[®] MP 12-50 HC talc is a high density dry compacted fine particle size platy talc. When added to Polypropylene (PP) or Thermoplastic Olefin (TPO) compounds, finished parts with increased stiffness, scratch resistance, heat deflection temperature and improved dimensional stability compared to the neat resins are created. This compacted talc offers compounders minimized dust in handling, more consistent dosing, higher loadings, and improved bulk shipping economics. The HC version is a higher bulk density product suitable for high shear compounding equipment. Other offerings in the FortiTalc[®] compacted talc series are available at lower densities to best fit your processing equipment.

Physical Properties

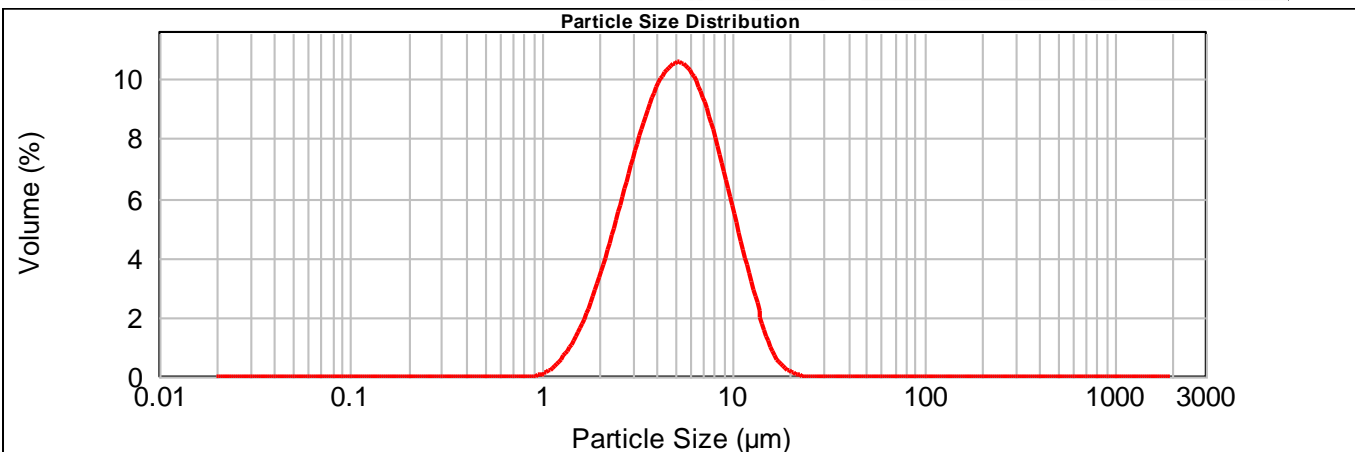
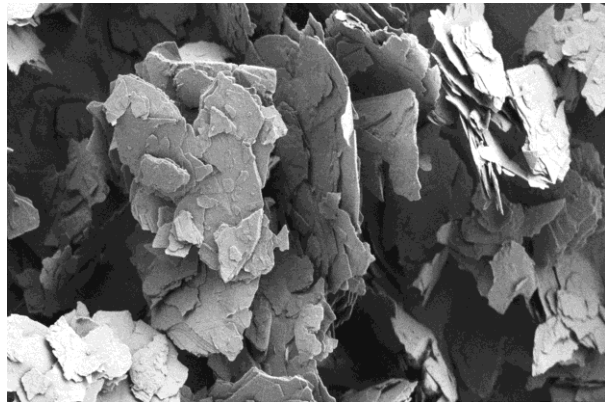
(typical)

Median Particle Size (microns)	
By Sedigraph 5120	1.2
By Laser Light Scattering	4.9
Hegman Fineness	6
Dry Brightness (Hunter Rd value)	89
Bulk Density (pounds/ft ³)	~53
(grams/cc)	~0.85

Chemical Composition

(typical)

Purity		>98.5%
Loss on Ignition	L.O.I.	5.5%
Moisture	H ₂ O	0.3%
(% weight loss @ 110° C)		



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