

CALCIUM CARBONATE (GCC)

8100 FINE SERIES

(CENTRAL)

8100 Fine Series are high purity, white, functional fillers targeted for use in thermosets, thermoplastics, paints, coatings, sealants, TPO's and TPE's and other applications requiring an economical filler. **8100 Fine Series** products are also available with a stearic acid surface coating designated with a "C", where improved flow and reduced dusting are required.

Product Description	8102	8103	8105	8107
Median Particle Size (microns) Micromeritics Sedigraph 5100	2.3	3.3	4.0	5.0
@ 90%	7	8	14	20
@ 10%	0.8	1.5	1.6	1.8
Dry Brightness Photovolt Hunter L	93	93	92	92
Oil Absorption (gm oil/100gm filler) ASTM – D 281	25	22	18	15
Bulk Density				
Loose (lbs/ft ³)	33	34	35	36
Tapped (lbs/ft ³)	71	74	76	87
Hegman Fineness ASTM D 1210	7	6.5	4.5	3

Typical Chemical Analysis		(WT) %
Calcium Carbonate	CaCO ₃	99.0
Magnesium Carbonate	MgCO ₃	<1
Iron As	Fe ₂ O ₃	<0.1

Typical Properties	
Specific Gravity	2.71
Refractive Index	1.65
Moisture %	0.3
pH	9.5
LOI @ 1050 °C	44.0%

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