

HARWICK STANDARD  
DISTRIBUTION CORPORATION

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ISO 9000  
REGISTERED

## STANWHITE® F CALCIUM CARBONATES

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

<u>TYPICAL PRODUCT DESCRIPTION</u>	<u>FINE</u>	<u>ULTRA-FINE</u>
Median Particle Size (microns)	1.5 - 6.0	0.2 - 1.4
Dry Brightness - Photovolt Hunter L	92+	95+
Oil Absorption - ASTM D-281	25/15 to 15	28/18 to 45/35
Bulk Density - Loose (lbs/ft <sup>3</sup> )	33 to 36	12 to 20
Bulk Density - Tapped (lbs/ft <sup>3</sup> )	71 to 87	31 to 34
Hegman Fineness - ASTM D-1210	7 to 3	8

### TYPICAL PROPERTIES:

Specific Gravity	2.71	2.85
Refractive Index	1.65	1.63
Moisture, %	<0.3	<0.8
pH	9.5	9.5
LOI @ 1050°C	44.0	44.0
Asbestos	nil	nil

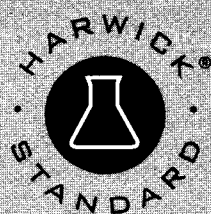
### TYPICAL CHEMICAL ANALYSIS (WT), %

Calcium Carbonate - CaCO <sub>3</sub> .....	99.0	98.5
Magnesium Carbonate - MgCO <sub>3</sub> .....	0.20	0.60
Acid Insolubles.....	0.065	0.45
Quartz - SiO <sub>2</sub> .....	<0.1	<0.1
Lead - Pb.....	<.001	

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(Continued....)

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**STANWHITE® F CALCIUM CARBONATES** (continued)

<b>Stanwhite Grade:</b>	<i>FINE SERIES</i>			
	<b>F2</b>	<b>F3</b>	<b>F4</b>	<b>F5</b>
<u>Product Description</u>				
Median Particle Size (microns)	1.5 - 2.5	2.5 - 3.5	3.5 - 4.5	4.5 - 6.0
Micromeritics Sedigraph 5100				
@ 90%	7	8	14	20
@ 10%	0.8	1.5	1.6	1.8
Dry Brightness - Photovolt Hunter L	92+	92+	92+	92+
Oil Absorption - ASTM D-281	25/15	22/12	18/8	15
Bulk Density - Loose (lbs/ft <sup>3</sup> )	33	34	35	36
Tapped (lbs/ft <sup>3</sup> )	71	74	76	87
Hegman Fineness-ASTM D-1210	7	6.5	4.5	3

<b>Stanwhite Grade:</b>	<i>ULTRA FINE SERIES</i>	
	<b>UF 3</b>	<b>UF 1</b>
<u>Product Description</u>		
Median Particle Size (microns)	0.2 - 0.4	0.9 - 1.4
Micromeritics Sedigraph 5100		
@ 90%	1	3.5
@ 10%	0.3	0.4
Dry Brightness-Photovolt Hunter L	96+	95
Oil Absorption-ASTM D-281	28/18	45/35
Bulk Density -Loose (lbs/ft <sup>3</sup> )	20	12
Tapped (lbs/ft <sup>3</sup> )	34	31
Hegman Fineness - ASTM D-1210	8	8

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