



## FlexTalc® Series Talc Products

Cimbar Performance Minerals' **FlexTalc®** products are an ultrafine talc product line specifically engineered for use in high performance TPO applications. **FlexTalc®** products are made by a proprietary process that results in talc products which have very high aspect ratios, are easily dispersed, provide unmatched heat aging and offer exceptional compounded color. They are available in powder and densified (D) forms.

Product Description Typical Values	FlexTalc® Series Talc Products			
	610	610D	815	815D
Median Particle Size (microns)	1.2	1.2	2.0	2.0
Topsize PSD 98% (microns)	7	7	11	11
Dry Color (L) CIE Lab (min)	96	95	96	95
Wet Color (L)	74	74	74	74
Oil Absorption (gm oil/100 gm filler) ASTM – D 281	68	68	62	62
Bulk Density Loose (lbs/ft <sup>3</sup> )	6	43	10	55

**D = Densified**

Typical Chemical Analysis		(WT) %
Silicon Dioxide	SiO <sub>2</sub>	60
Magnesium Oxide	MgO	30
Calcium Oxide	CaO	<1
Aluminum Oxide	Al <sub>2</sub> O <sub>3</sub>	<1
Iron As	Fe <sub>2</sub> O <sub>3</sub>	<1
Loss on Ignition	LOI	6.5
Typical Properties		
Specific Gravity		2.78
pH		8.7
Moisture, %		0.35

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