

FlexTalc® Talc Series

Specialty Minerals' FlexTalc® is an ultrafine talc product line specifically engineered for use in high performance TPO applications. FlexTalc® talcs 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.

Product Description	FlexTalc® talc grades					
	610	610D	815	815D	1222	1222D
Median Particle Size (microns)	1.0	1.0	1.9	1.9	2.2	2.2
Topsize	6	6	8	8	12	12
Dry Brightness Hunter Y, Rd Value	97	97	96	96	96	96
Wet Brightness	70	70	70	70	70	70
Oil Absorption (gm oil/100 gm filler) ASTM – D 281	68	68	62	62	58	58
Bulk Density Loose (lbs/ft ³)	6	43	10	55	12	---

D = Densified

Typical Chemical Analysis		(WT) %
Silicon Dioxide	SiO ₂	60
Magnesium Oxide	MgO	30
Calcium Oxide	CaO	<1
Aluminum Oxide	Al ₂ O ₃	<1
Iron As	Fe ₂ O ₃	<1
Loss on Ignition	LOI	6
Typical Properties		
Specific Gravity		2.78
Refractive Index		1.57
pH		8.7
Moisture, %		0.5

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