

CT Industrial Talcs

Specialty Minerals Inc. (SMI) CT Industrial Talcs can be used in coatings and construction applications where the high brightness associated with the SMI TALCRON® talc products is not required. CT Industrial Talcs are produced by Barretts Minerals Inc., from an extensive deposit of high quality Montana platy talc ore. This talc ore has good chemical resistance and in paint and coatings formulations, improves corrosion resistance water permeability and film integrity. CT Industrial Talcs can also be used in construction products such as joint compound, adhesives, sealants, putties, caulks and other such areas where a platy particle improves spreadability and application properties while controlling overall formulation cost.

Typical Properties	CT Industrial Talcs	
	CT200	CT325
Median Particle Size (microns)	6.5	5.5
Top Size (microns)	75	45
Dry Brightness (Hunter Y, Rd Value)	85	86
Oil Absorption (g/100g)	27	29
SSA (m ² /g)	11.2	13.4

Typical Chemical Composition

Silicon Dioxide	SiO ₂	48%
Magnesium Oxide	MgO	32%
Calcium Oxide	CaO	<0.5%
Aluminum Oxide	Al ₂ O ₃	9.0%
Iron As	Fe ₂ O ₃	<2.0%
Loss on Ignition	L.O.I.	9.5%
Moisture % (% weight loss @ 200° C)	H ₂ O	<0.5%

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