

SERICRON® talc

Paint and Construction Grade Talcs

Specialty Minerals Inc. (SMI) SERICRON® talc products can be used in coatings and construction applications where the high brightness associated with the SMI TALCRON® talc products is not required. SERICRON® talc products 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. SERICRON® 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. This versatile line of platy talcs is available in a full range of particle sizes to satisfy formulation and application requirements.

Typical Properties

SERICRON® Paint & Construction Grade Talc

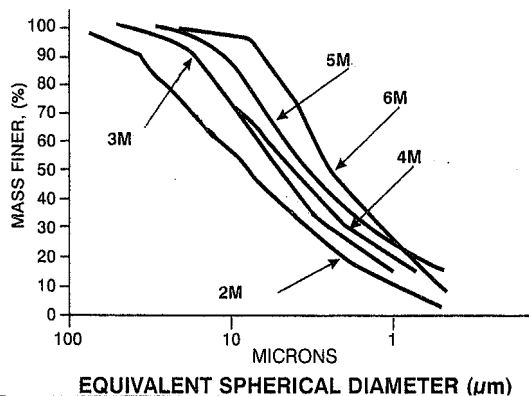
	6M	5M	4M	3M	2M
Dry Brightness (Hunter Y, Rd value)	84	84	84	82	80
Mesh Retention*	---	---	---	1.5	2.0%
Hegman Fineness	6	5	4	---	---
Median Particle Size (microns)	2	3.2	4	8	8
Oil Absorption	39	36	30	24	22
Bulk/Tapped Density (lb/ft³)	12/33	16/35	20/46	24/52	27/55
Bulk/Tapped Density (g/cc)	0.19/0.53	0.16/0.56	0.33/0.74	0.38/0.83	0.43/0.88
pH	8.8	8.8	8.8	8.8	8.8
Bulking Value	23.3	23.3	23.3	23.3	23.3
Specific Gravity	2.8	2.8	2.8	2.8	2.8
Percent Moisture		<0.5%	<0.5%	<0.5%	<0.5%

*Mesh Retention: 3M @ +325, 2M @ +200

Chemical Composition (typical)

Magnesium	as MgO	30%
Silicon	as SiO ₂	55%
Aluminum	as Al ₂ O ₃	3%
Calcium	as CaO	2%
Iron	as Fe ₂ O ₃	<2%
Loss of Ignition	L.O.I.	8.5%

Particle Distribution Curve CUMULATIVE MASS % FINER vs. DIAMETER



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