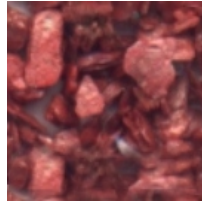


Product Definition for Vermicular

Description

Vermicular products are produced from specially selected vermiculite, which is colored to give a wide range of decorative effects. Vermicular products have been developed for paints and coatings, thermoset resins, and cement products. They find use in decorative packaging, ceiling treatments, and cementitious commercial wall coverings.



Typical Properties (Non Specified)

Chemical Analysis for substrate

Silicon	as SiO ₂
Aluminum	as Al ₂ O ₃
Calcium	as CaO
Potassium	as K ₂ O
Magnesium	as MgO
Iron	as Fe ₂ O ₃
Fluorine	as F
Titanium	as TiO ₂
Carbonate	as CO ₂
Loss on ignition at 1000 °C	

Percentage by Weight

39.0	-	39.7
8.0	-	9.2
1.0	-	2.9
4.0	-	5.9
25.0	-	26.7
3.7	-	4.1
0.5	-	0.6
0.7	-	0.8
1.3	-	1.7
10.8	-	13.1

Specified Physical Properties

Specific gravity		2.5	-	2.55
Loose Bulk Density	kg/m ³	72.0	-	88.0

Specified Particle Size Distribution by Sieving

US Mesh No.	Sieve Aperture (mm)	Cumulative % Finer
3 ½	5.6	98
5	4.0	75
7	2.8	37
10	2.0	18
14	1.4	8
18	1.0	5
25	0.71	3

We confirm that the Specified Properties are in accordance with our requirements and will form the basis for future orders.

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