

Material Technical Data Sheet

SG-70 MUSCOVITE MICA

SG-70 muscovite mica is a dry ground mica, produced by a patented process, that can be used successfully in a variety of applications. The high aspect ratio and platy shape, along with excellent color, offer the opportunity to maximize the performance characteristics of these mineral-filled products by enhancing reinforcement, lubricity and barrier properties.

Loose Bulk Density	18 lbs / cu ft
Color (L value)	> 88
Moisture (100□ C)	< 0.5 %

Particle Size & Sieve Analysis

Average (median) Particle Size 28 microns (Typical)

Mesh	% Retained
100	0.5% Typical
325	30 % Typical, less than 40% guaranteed

Chemical Specification (Typical):

SiO ₂	48.3 %
Al ₂ O ₃	36.7 %
K ₂ O	4.2 %
MgO	0.1 %
Fe ₂ O ₃ + FeO	0.7 %
CaO	< 0.1 %
LOI	7.95 %
Traces:	Co, Cd, Ni, Hg, As; all less than 5 ppm Pb less than 1.0 ppm

Packaging: 50 lbs / paper bag on pallets

Origin: INDIA

** Note: Specification & Chemical analysis can be furnished only when we get to know the grades / application desired by you.*

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