

53000 Muscovite Mica, brilliant

Chemical composition : $\text{KAl}_2[(\text{OH},\text{F})_2\text{AlSi}_3\text{O}_{10}]$

Data Sheet

Typical chemical analysis:

SiO ₂	43 – 46 %
Al ₂ O ₃	33 – 37 %
Fe ₂ O ₃	2 – 5 %
K ₂ O	9 – 12 %

Physical properties

Bulk density:	130 – 180 kg/m ³
Density:	2.8 g/cm ³
Solubility:	insoluble
Reactivity in water:	none
Flash point:	not inflammable
Explosion limit:	not explosive
Thermal decomposition:	no
Toxicity:	no

Typical sieve analysis

Sieve residue 5000 µm:	0 %
2000 µm:	10 – 25 %
1000 µm:	40 – 60 %
500 µm:	25 – 35 %
Fine sieve 500 µm:	0 – 10 %