

PHLOGOPITE MICA FILLER



IN-60

DAMSILA IN-60 phlogopite mica is a filler product which is mined and processed in Sri Lanka. It can be added to wall boards to reduce shrinkage, increase thermal insulation and improve resistance to fire. It is often added to fire-resistant cements and plaster to improve their fire resistance and thermal stability.

TYPICAL PROPERTIES

Unit Density	≤ 0.35 g/ml
Moisture ¹	≤ 1.0%
pH	7.4

CHEMICAL ANALYSIS²

Constituent Determined	Content (%)
SiO ₂	42.51
Al ₂ O ₃	15.18
Fe ₂ O ₃	7.59
K ₂ O	7.15
LOI (<i>Loss On Ignition</i>)	3.47

TYPICAL PARTICLE SIZE DISTRIBUTION³

Sieve Analysis (<i>wt. % Retained</i>)	Typical Value (%)
+20	≤ 4
-20/ +40	65 ± 15
-40/ + 100	35 ± 15
-100	≤ 8

DAMSILA RESOURCES (PVT) LTD

255/3. High Level Rd,
Colombo 05,
Sri Lanka

Tel: +94 11 573 4073
Email: info@damsila.com
www.damsila.com

1. Tested method: Automated Halogen Moisture Analyzer.
2. Analysis was carried out on the powdered sample dried at 105 °C - 110 °C
3. ASTM Mesh standard.