

MUSCOVITE MICA (WET GROUND)

TYPICAL PRODUCT SPECIFICATION

Chemical Composition	
Component	TYPICAL
SiO ₂	48
Al ₂ O ₃	33
K ₂ O	10
Na ₂ O	1
MgO	1
Fe ₂ O ₃	6
L.O.I	4
Moisture	< 0.20

MICA 20S

MORPHOLOGY

D50 ¹	21 microns
D90 ¹	54 microns

WET SCREEN ANALYSIS

% -100 mesh	100
% -325 mesh	95

MINERAL DESCRIPTION

MICA IS A GENERIC TERM APPLICABLE TO THE GROUP OF COMPLEX ALUMINOSILICATE MINERALS THAT OCCUR NATURALLY IN PLATE OR SHEET-LIKE FORM.

Typical Properties

Appearance	Off-white powder
Morphology	Platy
pH	7 – 8
Specific Gravity	2.7 – 3.0
Refractive Index	1.58
Moh's Hardness	2.5 – 3.5
Decomposition Temp. °C	400 – 500

PROPERTIES

Loose Bulk Density	(g/cc)	0.26 +/- 0.04
	(lbs/ft ³)	16.2 +/- 2.4
Tapped Bulk Density	(g/cc)	0.28 +/- 0.04
	(lbs/ft ³)	17.5 +/- 2.6

¹ Malvern Mastersizer

Final determination of the suitability of the material for the use contemplated is the sole responsibility of the user. No warranty is expressed or implied, and the manufacturer's only obligation shall be to replace such quantity of the product proven to be defective.