

# TYPICAL SPECIFICATION SYNTHETIC MICA FLUOROPHLOGOPYTE

## CHEMICAL SPECIFICATIONS:

SiO <sub>2</sub>	42 - 44 %
MgO	26 - 27 %
K <sub>2</sub> O	10 - 11.5 %
Al <sub>2</sub> O <sub>3</sub>	10 - 11 %
F	8.8 - 9.1 %
CaO	0.8 - 1.6 %
Fe <sub>2</sub> O <sub>3</sub>	0.14 - 0.16 %
Na <sub>2</sub> O	0.3 - 0.56 %

## TRACE SPECIFICATIONS:

Pb	10 ppm max
P	50 ppm max

## PHYSICAL SPECIFICATIONS:

Color	Very white, 93+
Refractive Index	1.592
Spec. Gravity	2.8
Bulk Density	0.24 - 0.30 gr/cm
Thermal Stability	Over 1000 C
Acid Soluble	2.0% max
Dielectric Strength	20 KV/MM minimum
Water Absorption	0.45 maximum

## PARTICLE SIZE:

Type	Flake	Sparkle	Powder	Micro	Ultra Fine
Grade	50 - 200 Min	20 - 80	10 - 40	800 Mesh	3000 Mesh
D95	140 Micron	90	50	35	4
D50	75	40	22	15	2
D5	28	14	10	4	1.5

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

**Admin office:** 110 A Block City Center, Nr Idgah Circle Asarwa Bridge, Asarwa, Ahmedabad Gujarat 380 016 **INDIA Plant:**

Plot No. 410 Phase II, Vatva G. I. D. C. Industrial Estate, Vatva, Ahmedabad Gujarat 382 445 **INDIA**

E: [inquiry@gmciltd.com](mailto:inquiry@gmciltd.com) W: [www.gmciltd.com](http://www.gmciltd.com) T: +91 79905 25617 F: +91 79848 07644

Certificate of Incorporation: U24290GJ2019PTC108256 GST NO.: 24AAHCG8288L1ZY

**GLOBAL METRO CHEM INDUSTRIES**