

# MicaFort PW80

This phlogopite mica product is specially processed to give high aspect ratio particles with a controlled size distribution.

## Specified/controlled properties

### Particle size distribution by dry sieving

BS Mesh No.	Sieve Aperture (microns)	Cumulative % Passing
60	250	99.9 - 100
100	150	96 - 100
350	45	70 - 95

Loose bulk density	0.15 - 0.35kg/litre
--------------------	---------------------

## Non-specified properties/supplementary information

Chemical analysis (by XRF)	% by weight	Physical properties	
Silicon as SiO <sub>2</sub>	41.5	Specific gravity	2.8
Magnesium as MgO	24.0	Refractive index	1.58
Potassium as K <sub>2</sub> O	10.5	Hardness (Moh's scale)	2.5
Aluminium as Al <sub>2</sub> O <sub>3</sub>	10.0	pH (ISO 787-9)	9
Iron as Fe <sub>2</sub> O <sub>3</sub>	8.5	Colour L*	76
Loss on ignition as 1000°C	1.5	Moisture (%)	<0.5
Crystalline Silica (by XRD)	<0.1	Malvern D <sub>50</sub> (µm)	40

Information presented above in 'non-specified properties/supplementary information' is given in good faith but without guarantee. MicaFort PW80  
Product definition, 09-06EN, 25-11.

We are leading the transformation of our industry toward a sustainable future.

LKAB Minerals, the international industrial minerals division of LKAB, develops and delivers circular, critical and climate-efficient mineral products. LKAB Minerals has sales representation, offices, production units and deposits in 12 countries in Europe, Asia and the US and employs around 400 people.

LKAB Minerals is part of the Swedish company LKAB, one of the world's leading producers of highly upgraded iron ore products and a major supplier of mineral products for other industrial sectors.

Read more about LKAB Minerals at [www.lkabminerals.com](http://www.lkabminerals.com)



LKAB Minerals