

MicaFort PD900

This is a grade of phlogopite mica ground and screened to give flakes having a controlled size distribution.

Specified/controlled properties

Particle size distribution by dry sieving

BS Mesh No.	Sieve Aperture (microns)	Cumulative % Passing
16	1000	75 - 100
22	710	38 - 77
30	500	3 - 42
60	250	0 - 20
120	125	0 - 10

Loose bulk density	0.7kg/litre max.
Moisture	1% max.

Non-specified properties/supplementary information

Chemical analysis (by XRF)	% by weight	Physical properties	
Silicon as SiO ₂	41.5	Specific gravity	2.80
Magnesium as MgO	24.0	Refractive index	1.58
Potassium as K ₂ O	10.5	Hardness (Moh's scale)	2.50
Aluminium as Al ₂ O ₃	10.0	pH (ISO 787-9)	9.00
Iron as Fe ₂ O ₃	8.5		
Loss on ignition as 1000°C	1.5		
Crystalline Silica (by XRD)	<0.1		

Information presented above in 'non-specified properties/supplementary information' is given in good faith but without guarantee. MicaFort PD900 Product definition, 09-05EN, 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



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