ASIA MINERAL MINES Ltd.

Kaolin DH

Technical data - typical values

CHEMICAL ANALYSIS

Testing method: X-ray fluorescence analysis

	Mass %		Mass %
SiO_2	54,5	K_2O	3,63
Al_2O_3	31,2	Na_2O	0,15
Fe_2O_3	0,9	LOI	8,24
TiO_2	0,98	P_2O_5	0,02
CaO	0,01	SO_3	< 0,01
MgO	0,33		

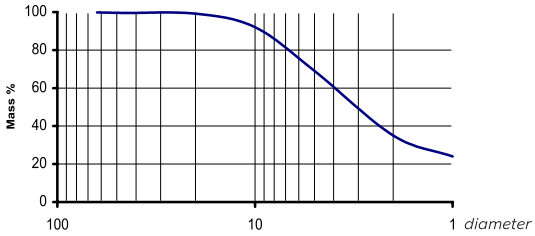
MINERALOGICAL COMPOSITION

Testing method: X-ray diffraction

Kaolinite	48
Illite	31
Quarz	17
Feldspar	< 2
Other	2

PARTICLE SIZE DISTRIBUTION

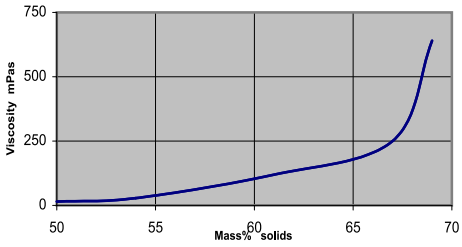
*Testing method: * wet on sieve, ** by Sedigraph*



residue on sieves	> 63 µm	**Mass %**	0,2 *
	> 45		0,5
finer then	< 20		99 **
	< 10		92
	< 5		69
	< 2		35
	< 1		24
	d50		3,2

CASTING DATA

Testing method: rotation viscometer, fully deflocculated slip



Deflocculant		Polyacrylat
Deflocculant of demand	Mass %	0,15
Viscosity/Solids	mPas %	28/54
		118 / 61
		250 / 67
		640 / 69
Casting concentration (500mPas)	Mass %	68
Casting rate	$mm^2.min^{-1}$	1,52

FIRED PROPERTIES - 1250 C

Testing method: firing oxidation, bar formed by casting

Fired shrinkage %	10,5
Water absorption Mass %	7,1
Fired color L*	78,6
a*	0,19
b*	7,77

OTHER PROPERTIES

Moisture contend Mass %	<12
Bulk density kg/m^3	~1100
Modulus of rupture (casting) Mpa	1,7
Dry shrinkage %	2

APPLICATIONS

Ceramic industry
Paper industry
Rubber industry
Manufacture of fertilizers
Plastic filler
Manufacture of paints
Pharmacy, cosmetics

PACKAGING

Big bag / 1 000kg

Attested by:

LB MINERALS lasselsberger group

ilac-MRA

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