

HUANGHE MINERALS CO.,LIMITED		Version: 2020
PRODUCTS SPECIFICATION		Code: TP/QC
Product	Tabular/calcined /reactive alumina	Origin: China / SD/TJ

Code	Tab 99	Tab 99 LS	Tab 99 TS	CAP-30	RA-03	RA-02	RA-01
	Tabular alumina			Calcined and reactive alumina			
Chemical property							
Al2O3	99.2	99.5	99.7	99.6	99.6	99.6	99.6
SiO2	0.1	0.1	0.1	0.02	0.02	0.02	0.02
Fe2O3	0.1	0.1	0.1	0.02	0.02	0.02	0.02
N2O	0.4	0.2	0.1	0.20	0.2	0.2	0.2
Cao	Tr	Tr	Tr	0.05	0.05	0.05	0.05
LOI	Tr	Tr		0.15	0.15	0.15	0.15
Physical property							
Refractoriness	2050C	2050C	2050C	2050C	2050C	2050C	2050C
AP	5	3	2				
Particle BD	3.50g/cc	3.55g/cc	3.60g/cc	True density 3.92g/cc			
Water absorbs	1.5	1.5	1				
Mineralogy							
Alpha Al2O3	99	99	99	93	94	94	94
D50				4	3	2	1
SSA (M ² /G)				1.5	2.5	3	4
Size							
	<ul style="list-style-type: none"> tabular alumina aggregate is available 0-0.2,0-0.5, 0.5-1,0-1,1-3,3-6, 6-10mm tabular alumina is available on fines -325mesh 						
Pack							
	<ul style="list-style-type: none"> In 1mt bags, 1250kg Bag, 1350Kg bag 25kg bags in big bag 25kg bags on pallets shrink-wrapped 						
Application							
	Tabular alumina is ideal choice for shaped & castable of high-performance refractory for steel, foundry, cement, petrochemical ceramic and waste incineration.			Widely used in shape and monolith refractories, as a key matrix builder, it can work with aggregate, silica fume to get a perfect packing, good rheology and consistence performance on hot strength and on-site installation.			
Description							
	Pelletized high purity alumina sintered in above 1800C shaft kilns and fully densified and recrystallized with large hexagon tablet crystal of 200um, it has closed micro pores during sintering, which make it has good thermal shock resistance, high hot strength good chemical erosion, abrasive resistance.			Selected high purity calcined alumina after further calcination and grinding to get ideal crystal size fillers for refractory matrix application which will have higher refractory strength, lower water adding amount, it will help to get perfect size packing with aggregate on micron level and get high dense, low porosity, higher thermal ceramic bonding performance.			

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