

# High Purity Alumina Products

High purity alumina products include high Purity alumina granules, high purity alumina pellet, alumina crackle crystal and alumina polycrystalline.

Our company produces 5N high purity alumina products with the advantages of high purity and density, which are mainly used for production large size sapphire crystals by Kyropoulos method, EFG method, TGT method and Czochralski method etc.

## Specifications:

Item			5N-PD	5N-BD	5N-ACD	5N-PCD
Phase			α	α	α	α
Appearance			White Pellet	White Granule	Translucent Crackle	White Cylinder
Loose Density		g/cm <sup>3</sup>	3.40	3.50	3.90	3.20
Size		mm	50*20	2-4	10-20/20-50	10-20/20-50
Purity (Al <sub>2</sub> O <sub>3</sub> ) ≥		%	99.999	99.999	99.999	99.999
杂质≤ (by ICP-OES)	Na	ppm	2	2	1	2
	Ca	ppm	2	2	0.5	1
	Mg	ppm	1	1	0.5	0.5
	Fe	ppm	1	1	0.5	1
	Si	ppm	2	2	1	2
	Ti	ppm	1	1	0.1	0.2
	Cu	ppm	1	1	0.5	0.5
30kg/drum						