

Spherical Alumina

TR-Y105

Applications

- Thermal conductivity filler used in EMC, CCL, etc.
- Thermal interface material.
- Ceramics, Abrasive grain, Spraying material, etc.

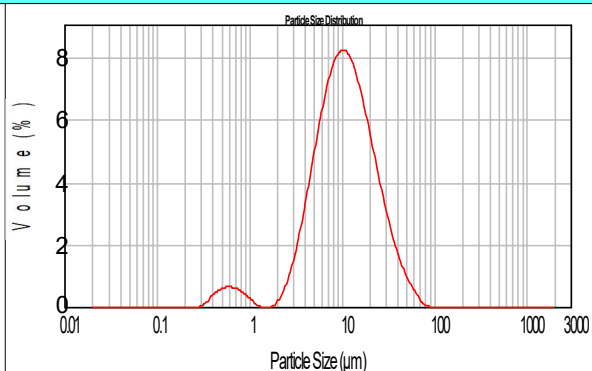
Typical Physical Data

Items	Unit	Typical value	Test Method
Cut Point	μm	75	-
Particle Size Distribution	D10	μm	4.2
	D50	μm	10.5
	D90	μm	25.6
Specific Surface Area	m ² /g	0.5	BET method
Specific Gravity	g/cm ³	3.6	pycnometer method
Electrical Conductivity	μS/cm	7.3	Conductivity Meter
PH	-	7.4	PH Meter

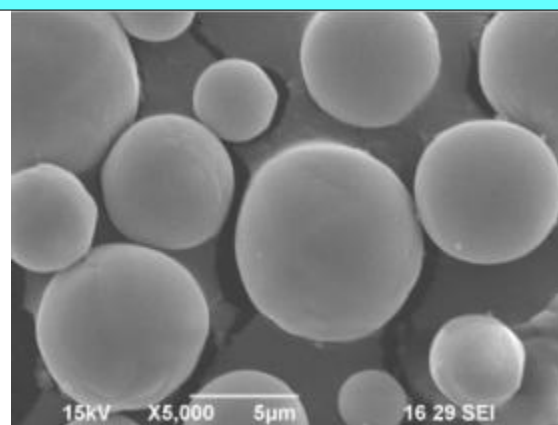
Typical Chemical data

Test Items	Unit	Typical value	Test Method
Chemical Analysis	Al ₂ O ₃	%	99.9
	Na ₂ O	ppm	120.0
	SiO ₂	ppm	150.0
	Fe ₂ O ₃	ppm	100.0
Ionic Impurities	Na ⁺	ppm	5.0
	Cl ⁻	ppm	1.1

Particle Size Distribution



SEM



Remark

If the customers have some special request that is not included in the table, we can try our best to meet it with adjustment in process.