

Material Product Data Sheet

Product: Alpha Alumina (α -Al₂O₃)

1- Manufacturer company profile

Product: Alpha Alumina

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2- Product Specifications

Calcined Aluminas for Polishing

Classification: Ceramic, Alumina based

CAS No: FCR-2

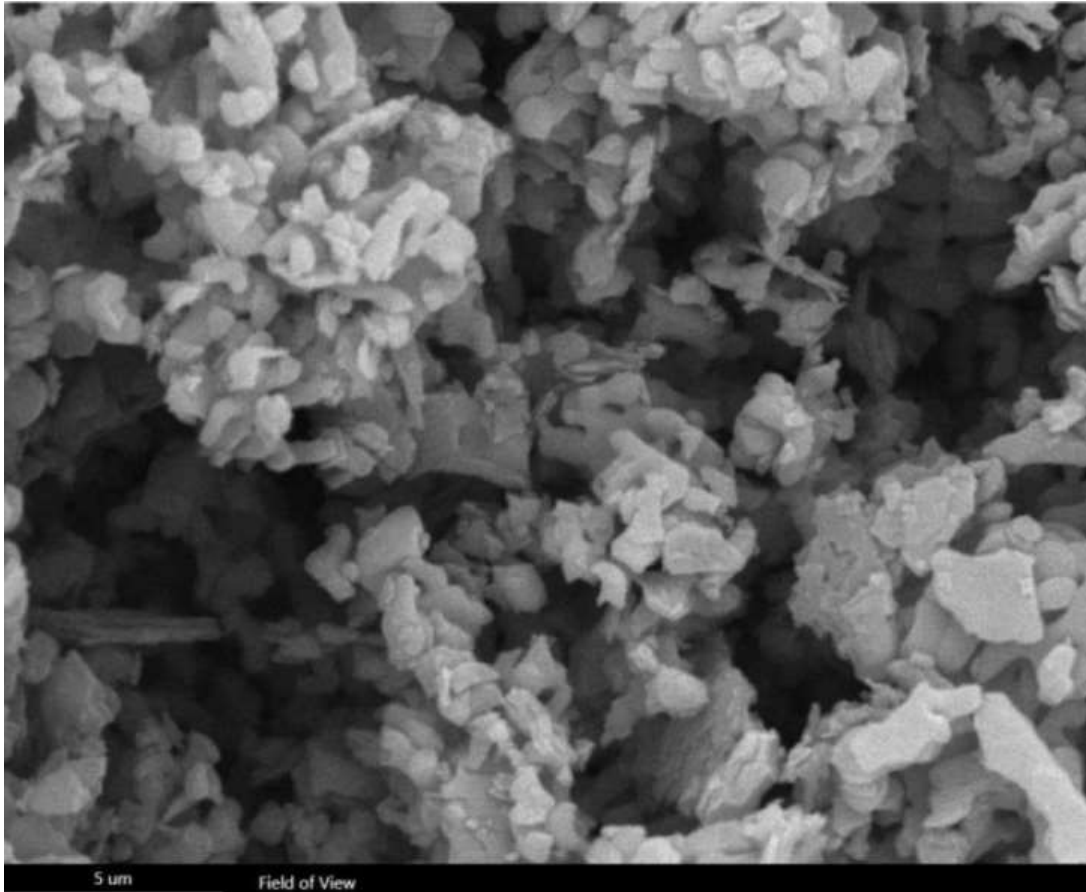
Chemistry: Al₂O₃

Product / Properties	Unit	FCR-2
Calcination degree		High
Primary crystal size	μm	≤ 1.5
Alpha- Al ₂ O ₃ content	%	≥ 95
Particle Size		
D10	μm	0.8
D50	μm	2.1
D90	μm	3.5
Specific surface area / BET	m ² /g	4.2

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SEM :



SEM image of Al₂O₃ powder.

Sample	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	Na ₂ O	K ₂ O	MgO
	%	%	%	%	%	%	%
FCR-2	N	99.7	0.038	0.012	0.102	0.06	0.110