

Material Product Data Sheet

Product: Alpha Alumina (α -Al₂O₃)

1- Manufacturer company profile

Product: Alpha Alumina

Address: Iran, Isfahan, Khomeini Shahr, Hakim Farzaneh St., No. 31

Mobile: +989129477099

Fax: +983133931261

E-Mail: fipco.ir@gmail.com

2- Product Specifications

Calcined Aluminas for Polishing

Classification: Ceramic, Alumina based

CAS No: FCG-60

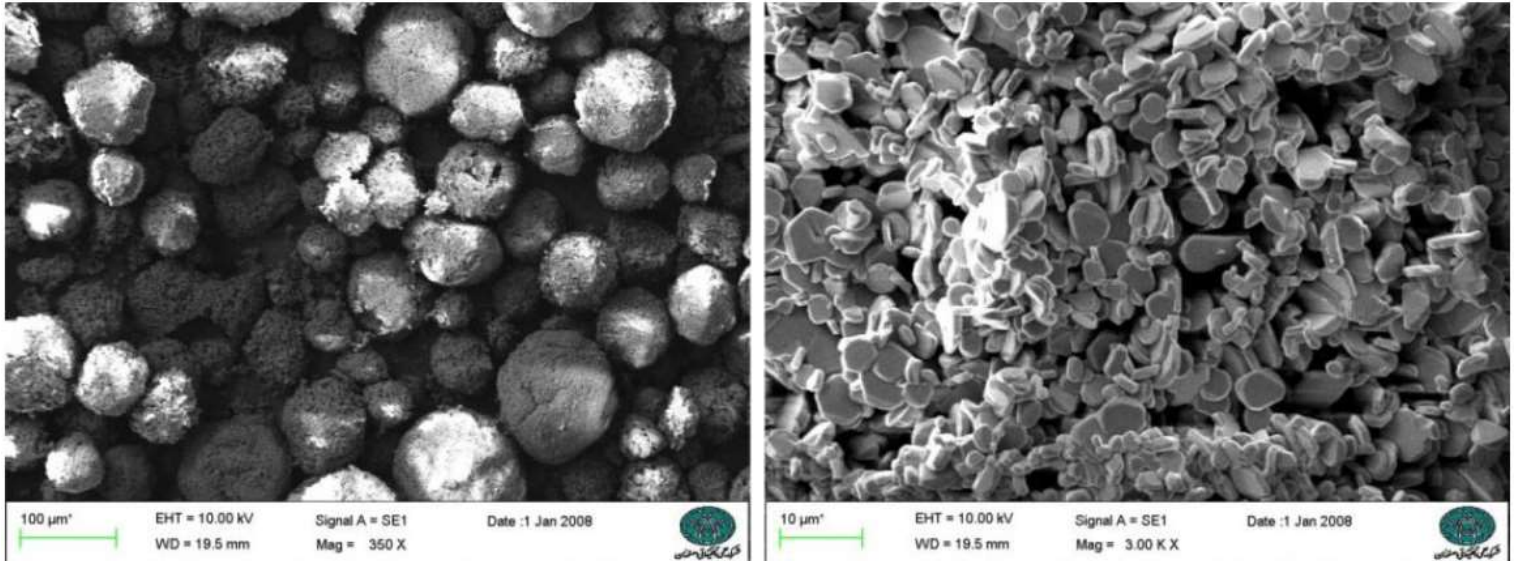
Chemistry: Al₂O₃

Product / Properties	Unit	FCG-60
Calcination degree		Very High
Primary crystal size	μm	≤ 3.2
Alpha- Al ₂ O ₃ content	%	≥ 98
Particle Size		
D10	μm	45
D50	μm	65
D90	μm	106
Specific surface area / BET	m ² /g	0.75
Loose bulk density	g/l	0.8-0.9

Material Product Data Sheet

Product: Alpha Alumina (α -Al₂O₃)

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
	%	%	%	%	%	%	%
FCG-60	N	99.4	0.058	0.019	0.428	0.04	0.109