



Ceramic Powders, s.l.

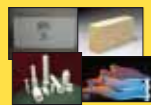
Spain

ceramic-powders@ceramic-powders.com

ALUMINA

Fine Grain, Hard-Calcined Alpha & Gamma Alumina

ALUMINA Applications



REFRACTORY SHAPES
Dense Refractory
Insulating Bricks
Kiln Furniture
Special Ceramics



HIGH ALUMINA GRINDING MEDIA
Balls & Lining Bricks



UNSHAPE REFRACTORY
Mortars, Concrets & Castables



HARD PORCELAIN
Special Bodies
Glazes and Colours



POLISHING & OTHER APPLIC.
Metal, Plastics, rubber...



TILES & SANITARYWARE
Glazes, Colours, Pigments
Special spray-dry bodies



CERAMIC INSULATORS



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Ceramic Powders develops new Alumina Grades with the aim to cover the demand of customers. Aluminas RK-088 and RK-010 are fired in a Rotary Kiln with high stability and consistency. Aluminas FLK-080 and FLK-010 are fired in a Flash Kiln at higher temperature than in a Rotary Kiln.

The small primary crystal size allows a good reactivity in all ceramic applications.

SPECIFICATION CALCINED ALUMINA

煅烧氧化铝技术指标

Analysis	Unit	RK-088	RK-010	FLK-088	FLK-010
Al ₂ O ₃	%	99,4	99,4	99,4	99,4
SiO ₂	%	0,10	0,10	0,10	0,10
Na ₂ O (Total)	%	0,40	0,40	0,40	0,40
Fe ₂ O ₃	%	0,02	0,02	0,02	0,02
Specific Surface (BET) 比表面积	m ² /g	> 20	> 20	6 - 7	6 - 7
α-Al ₂ O ₃ – Content 氧化铝比重	%	< 80	< 80	≥ 95	≥ 95
Particle Size	μm	< 100	< 45	< 100	< 45
Particle Size 粒径 d10	μm	20 - 30	0,5 - 1,5	20 - 30	0,5 - 1,5
Particle Size 粒径 d50	μm	60 - 80	5 - 8	60 - 80	5 - 8
Particle Size 粒径 d90	μm	80 - 95	25 - 30	80 - 95	25 - 30
Primary crystal size 原晶体粒度	μm	1,5 - 2	1,5 - 2	1,5 - 2	1,5 - 2
Specific density 松装密度	g/cm ³	3,9	3,9	3,9	3,9
Bulk density 散装密度	Kg/m ³	1000	750	1000	750

Packing

25-Kgr paper Bags - Big Bags - Cisterns

包装 - 25 kg 纸袋 或 吨袋

