



Product Data

RAPOL

Rapid Alumina Polishing

Aluminum oxide is the most widely used polishing medium. As an inorganic product, it has one important advantage over natural materials used for polishing: the physical properties and chemical compositions are constant regardless of the pressure or temperature experienced during use.

The RAPOL range is especially designed for one step polishing processes, which gives "rapid" cutting and shiny polishing performance. The product enables our customers to offer cost efficient solutions for the end user.

Product / Properties Ground	Unit	RAPOL 100 typical	RAPOL 500 typical	RAPOL 600 typical
Calcination degree		low	low	low
Primary crystal size	µm	0.3	0.3	0.3
Al ₂ O ₃ content	[%]	99	99	99
Chemical Analysis				
Na ₂ O	[%]	0.1	0.1	0.1
Fe ₂ O ₃	[%]	0.02	0.02	0.02
Particle Size				
> 90 µm	[%]		0.1	
> 63 µm	[%]	50-95	1	
> 40µm	[%]			1
D50	[µm]	70	15	5
Specific surface area/BET	m ² /g	3.5	4	4.5
Loose bulk density	g/l	1100	600	550
Oil absorption	[%]	45	35	30
Cutting effect		6	3	2
Polishing effect		7	9	9

All data are based upon Almatris standard test methods.

The typical properties are based upon the actual averages from production data.

Think alumina, think Almatris.



RAPOL Rapid Alumina Polishing

Standard Packaging

- 25 kg bags
- 750 kg big bag, discharge sleeve and shrink wrapped



Contacts for sales, technical information and application assistance

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