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CERALOX[®] APA ALUMINAS MAGNETIC MEDIA, ABRASIVE, POLISHING APPLICATIONS

Typical CHEMICAL ANALYSIS

	APA-8AF	APA-0.4	APA-0.2	APA-100 RDX
Al ₂ O ₃ Purity, %:	99.87	99.96	99.96	99.96
Surface Area, m ² /g:	7.0	8.0	40	87

Typical PHYSICAL PROPERTIES

Particle Size Distribution

Microns	APA-8AF		APA-0.4		APA-0.2		APA-100RDX	
	As Is	Deaggl*	As Is	Deaggl*	As Is	Deaggl*	As Is	Deaggl*
D-90, μm	4.70	0.39	0.44	0.34	4.60	0.25	4.60	0.22
D-50, μm	1.00	0.27	0.32	0.24	2.00	0.15	2.40	0.14
D-10, μm	0.38	0.18	0.22	0.16	0.27	0.11	0.37	0.10

*Deagglomeration is accomplished by milling for 24 hours at 20% solids with 0.1% hexametaphosphate solution using 1.5 mm zirconia media. The deagglomerated particle size distribution is a reported value for quality assurance and control. This particle size distribution does not represent the "as received" alumina particle size.

METHODOLOGY

Chemical Analysis: Inductively Coupled Argon Plasma
 Particle Size Distribution: Laser Diffraction
 Surface Area: B.E.T.