



Luoyang Zhongsen Refractory Co., Limited

Yaowan Village, South Dukang Road, Yichuan County, Luoyang City, Henan Province, P.R. CHINA
TEL: 0086-379-69351288 WEB: www.zhongsen-refractory.com

Certificate of Analysis-Brown Fused Alumina 80%

General Information

Product : Brown Fused Alumina 80% for Sandblasting, Polishing, Surface Preparation, Anti-Slip Materials, Airfield Road, Non-slip Roof and Ground

Other Names : Brown Fused Aluminium Oxide, Brown Aluminum Oxide, Brown Corundum, BFA Abrasives, Second Grade Brown Fused Alumina(2nd Class)

Country of Origin : China

Manufacturer of Material : Luoyang Zhongsen Refractory Co., Limited

Features : Cost-Effective, Good Abrasive Ability

Picture of Product:



Physical Specifications & Package

Main Content : Al₂O₃(Aluminum Oxide) about 78-86%, Not Stable from Batch to Batch because of Raw Material

Specific Gravity : $\geq 3.85 \text{ g/cm}^3$

Bulk Density : 1.4-2.3 kg / m³

Hardness : 8 MOSH

Color : Brown

Melting Point : 2050°C

Sizes Available : F8-F220, other sizes to request

Package : Jumbo Bag, 25kg Bag and 40 Bags on a Pallet



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Particle Distribution & Chemical Content (Chemical Content Vary from batch to batch, just for reference)

Brown Fused Alumina 80% Al₂O₃, 2nd Grade

Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	F24	+1.18	+0.85	+0.71	+0.60	-0.50	Al ₂ O ₃	85.63%
Standard	0%	0-25%	45-100%	65-100%	0-3%	SiO ₂	4.5%	
Sample 1	0	15	53	82	0.5	TiO ₂	4.95%	
Sample 2	0	15	53	82	0.5	Fe ₂ O ₃	3.75%	
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	F30	+1.00	+0.71	+0.60	+0.50	-0.425	Al ₂ O ₃	83.10%
Standard	0%	0-25%	45-100%	65-100%	0-3%	SiO ₂	4.88%	
Sample 1	0	16	57	76	0.5	TiO ₂	5.01%	
Sample 2	0	15	57	75	0.5	Fe ₂ O ₃	4.11%	
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	F36	+0.85	+0.60	+0.50	+0.425	-0.355	Al ₂ O ₃	81.36%
Standard	0%	0-25%	45-100%	65-100%	0-3%	SiO ₂	4.91%	
Sample 1	0	6	50	88	0.5	TiO ₂	5.12%	
Sample 2	0	6	50	88	0.5	Fe ₂ O ₃	3.98%	
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	F46	+0.60	+0.425	+0.355	+0.300	-0.250	Al ₂ O ₃	82.13%
Standard	0%	0-30%	40-100%	65-100%	0-3%	SiO ₂	4.92%	
Sample 1	0	4	45	85	0.5	TiO ₂	5.12%	
Sample 2	0	4	45	85	0.5	Fe ₂ O ₃	4.06%	
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	F60	+0.425	+0.30	+0.25	+0.212	-0.18	Al ₂ O ₃	80.02%
Standard	0%	0-30%	40-100%	65-100%	0-3%	SiO ₂	4.98%	
Sample 1	0	12	53	83	1.0	TiO ₂	5.01%	
Sample 2	0	12	53	83	1.0	Fe ₂ O ₃	3.94%	