



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 90%

General Information

Product	: Brown Fused Alumina 90% for Resin Bonded Abrasives, Sandblasting, Polishing, Surface Preparation, Anti-Slip Materials, Airfield Road
Other Names	: Brown Fused Aluminium Oxide, Brown Aluminum Oxide, Brown Corundum
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	: Al ₂ O ₃ (Aluminum Oxide) about 85-92%
Specific Gravity	: ≥ 3.85 g /cm ³
Bulk Density	: 1.4-2.3 kg / m ³
Hardness	: 8 MOSH
Color	: Brown
Melting Point	: 2150°C
Sizes Available	: F8-F220, F280-F2000, other sizes to request
Package	: Jumbo Bag, 25kg Bag and 40 Bags on a Pallet



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Particle Distribution & Chemical Content

Brown Fused Alumina FEPA Sizes for Bonded Abrasives and Sand Blasting

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	90.06%
	Standard	0%	0-25%	45-100%	65-100%	0-3%	SiO ₂	3.73%
	Sample 1	0	15	53	82	0.5	TiO ₂	3.56%
	Sample 2	0	15	53	82	0.5	Fe ₂ O ₃	1.88%
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	89.88%
	Standard	0%	0-25%	45-100%	65-100%	0-3%	SiO ₂	3.78%
	Sample 1	0	16	57	76	0.5	TiO ₂	3.65%
	Sample 2	0	15	57	75	0.5	Fe ₂ O ₃	1.90%
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	89.39%
	Standard	0%	0-25%	45-100%	65-100%	0-3%	SiO ₂	3.79%
	Sample 1	0	6	50	88	0.5	TiO ₂	3.70%
	Sample 2	0	6	50	88	0.5	Fe ₂ O ₃	1.94%
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	88.79%
	Standard	0%	0-30%	40-100%	65-100%	0-3%	SiO ₂	3.92%
	Sample 1	0	4	45	85	0.5	TiO ₂	3.77%
	Sample 2	0	4	45	85	0.5	Fe ₂ O ₃	1.92%
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	88.83%
	Standard	0%	0-30%	40-100%	65-100%	0-3%	SiO ₂	3.90%
	Sample 1	0	12	53	83	1.0	TiO ₂	3.69%
	Sample 2	0	12	53	83	1.0	Fe ₂ O ₃	1.92%