



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- Abrasives White Fused Alumina

General Information

Product	: White Fused Alumina for Abrasive Tools, Sandblasting,
Polishing, Surface Preparation	
Other Names	: White Fused Aluminium Oxide, White Aluminum Oxide,
White Corundum	
Country of Origin	: China
Manufacturer of Material	: Luoyang Zhongsen Refractory Co., Limited
Features	: Hard Dense Material, Abrasive Ability, Pure, Little Dust
Picture of Product:	



Physical Specifications & Package

Main Content	: α -Al ₂ O ₃
Specific Gravity	: ≥ 3.60 g/cm ³
Bulk Density	: 1.5-2 kg/m ³
Hardness	: 9 MOSH
Color	: White
Melting Point	: 2350°C
Coefficient of Linear Expansion	: $(7 - 9) \times 10^{-6}/K$ (0 - 1600 °C)
Sizes Available	: F8-F220, F280-F2000, other sizes available to request
Package	: Jumbo Bag, 25kg Bag and 40 Bags on a Pallet



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Particle Distribution & Chemical Content

White Fused Alumina for Bonded Abrasives and Sandblasting

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	99.53%
	Standard	0%	0-25%	45-100%	65-100%	0-3%	SiO ₂	0.06%
	Sample 1	0	18	61	80	0.5	Na ₂ O	0.33%
	Sample 2	0	17	62	80	0.5	Fe ₂ O ₃	0.03%
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	F30	+1.00	+0.710	+0.600	+0.500	-0.425	AL ₂ O ₃	99.42%
	Standard	0%	0-25%	45-100%	65-100%	0-3%	SiO ₂	0.05%
	Sample 1	0	18	61	80	0.5	Na ₂ O	0.32%
	Sample 2	0	17	62	80	0.5	Fe ₂ O ₃	0.04%
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	99.44%
	Standard	0%	0-30%	40-100%	65-100%	0-3%	SiO ₂	0.04%
	Sample 1	0	11	57	86	0.5	Na ₂ O	0.30%
	Sample 2	0	11	56	87	0.5	Fe ₂ O ₃	0.03%
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical Analysis	
	F120	+0.180	+0.125	+0.106	+0.090	-0.063	AL ₂ O ₃	99.41%
	Standard	0%	0-20%	40-100%	65-100%	0-3%	SiO ₂	0.05%
	Sample 1	0	15	65	83	0.5	Na ₂ O	0.31%
	Sample 2	0	16	64	82	0.5	Fe ₂ O ₃	0.03%
Physical Analysis	F320	D0	D3 Maximum	D50 Medium	D95 Smallest	AL ₂ O ₃	99.3%	
	Standard	0	52	32.8 ± 1.5	19	SiO ₂	0.09%	
	Sample 1	0	39	32.5	13	Na ₂ O	0.33%	
	Sample 2	0	39	33	14	Fe ₂ O ₃	0.11%	

Other Sizes Available upon Request