



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-Black Fused Alumina

General Information

Product	: Black Fused Alumina for Abrasives, Sandblasting, Lapping
Other Names	: Black Fused Aluminium Oxide, Black Aluminum Oxide
Country of Origin	: China
Manufacturer of Material	: Luoyang Zhongsen Refractory Co., Limited
Features	: Hard, Good Abrasive Ability, Ideal for Blasting, Lapping
Picture of Product:	



Physical Specifications & Package

Main Content	: α -Al ₂ O ₃
Specific Gravity	: ≥ 3.5 g /cm ³
Bulk Density	: 1.65-1.95 kg / m ³
Hardness	: 9 MOSH
Color	: Black
Melting Point	: 2050°C
Sizes Available	: FEPA F16-F220
Package	: 1 Ton Big Bag, 25kg Bag and 40 Bags on a Pallet



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Particle Distribution & Chemical Content

Black Fused Alumina FEPA for Abrasives

Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size
	F46	+0.60	+0.425	+0.355	+0.300	-0.250
	Standard	0%	0-30%	40-100%	65-100%	0-3%
	Sample 1	0	11	60	81	0.5
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size
	F60	+0.425	+0.30	+0.25	+0.212	-0.18
	Standard	0%	0-30%	40-100%	65-100%	0-3%
	Sample 1	0	18	61	79	0.5
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size
	F80	+0.300	+0.212	+0.180	+0.150	-0.125
	Standard	0%	0-25%	40-100%	65-100%	0-3%
	Sample 1	0	18	48	78	0.5
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size
	F120	+0.180	+0.125	+0.106	+0.090	-0.063
	Standard	0%	0-20%	40-100%	65-100%	0-3%
	Sample 1	0	12	63	81	1

Chemical Specifications				
FEPA Size	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂
F24-F100	77.00min	11.0min	5.0min	1.5-3.5
F120-F220	75-81	9-12	4-6	2-3

FEPA F24-F220, other sizes available according to request.