



Luoyang Zhongsen Refractory Co., Limited

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Certificate of Analysis-Brown Fused Alumina

General Information

Product	: Brown Fused Alumina for Refractories(Refractory Bricks, Crucibles, Unshaped Refractories)
Other Names	: Brown Fused Aluminium Oxide, Brown Corundum
Country of Origin	: China
Manufacturer of Material	: Luoyang Zhongsen Refractory Co., Limited
Features	: High Density, Clean Material, Good Chemical Content
Picture of Product:	



Physical Specifications & Package

Main Content	: Al ₂ O ₃ (Aluminum Oxide)
Specific Gravity	: ≥ 3.90 g /cm ³
Bulk Density	: 1.8-2.3 kg / m ³
Hardness	: 9 MOSH
Color	: Brown
Melting Point	: 2300°C
Sizes Available	: 0-1mm, 1-3mm, 3-5mm, 5-8mm, 8-12mm, 0-0.2mm etc
Package	: Jumbo Bag, 25kg Bag and 40 Bags on a Pallet

Particle Distribution & Chemical Content

Brown Fused Alumina for Refractories 0-1-3-5-10mm Fixed Furnace & Tilting Furnace

	Grit#	Maximum Size	Big Size	Basic Size	Mixed Size	Small Size
Typical Particle Distribution	0-1mm	0	6			
	1-3mm	0	6			3
	3-5mm	0	6			2.5
	5-10mm	0	7			2.5
Typical Chemical Analysis-Fixed Furnace		SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	Fixed Furnace Material
	0-1mm	1.38%	95.19%	0.16%	2.22%	
	1-3mm	1.34%	95.21%	0.17%	2.15%	
	3-5mm	1.36%	95.23%	0.14%	2.18%	
	5-10mm	1.37%	95.35%	0.15%	2.19%	
Typical Chemical Analysis-Tilting Furnace		SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	Tilting Furnace Material
	0-1mm	1.01%	95.55%	0.13%	2.13%	
	1-3mm	0.98%	95.66%	0.12%	1.98%	
	3-5mm	0.94%	95.59%	0.13%	1.95%	
	5-10mm	0.93%	95.70%	0.10%	1.92%	

Other Sizes Available on Request: 0-0.1mm, 0-0.2mm, 0-0.5mm, 0.5-1mm etc

Shape Compare(Roller & Barmac Crushed/Milled)

