

Certificate of Analysis-White Fused Alumina

General Information

Product	: White Fused Alumina for Refractories(Refractory Bricks, Crucibles, Unshaped Refractories)
Other Names	: White Fused Aluminium Oxide,White Corundum
Country of Origin	: China
Manufacturer of Material	: Luoyang Zhongsen Refractory Co.,Limited
Features	: High Refractory Temperature, Chemical Stability, Hard and Dense Material for High End Refractory Products

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	: 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



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Particle Distribution & Chemical Content

Refractory White Fused Alumina

	Grit#	Maximum Size	Big Size	Basic Size	Mixed Size	Small Size	
Physical Analysis	0-1mm	0	7				
	0-1mm	0	7				
	0-1mm	0	6				
	1-3mm	0	6			3	
	1-3mm	0	5			3	
	1-3mm	0	5			2.5	
	3-5mm	0	6			2.5	
	3-5mm	0	6			2.5	
	3-5mm	0	5			2.5	
	5-10mm	0	8			3	
	5-10mm	0	7			3	
	5-10mm	0	7			2.5	
Chemical Analysis		SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	Na ₂ O		
	0-1mm	0.07	99.55	0.03	0.26		
	0-1mm	0.06	99.53	0.02	0.28		
	0-1mm	0.10	99.50	0.02	0.29		
	1-3mm	0.05	99.68	0.01	0.21		
	1-3mm	0.04	99.55	0.03	0.30		
	1-3mm	0.03	99.68	0.03	0.21		
	3-5mm	0.03	99.65	0.05	0.18		
	3-5mm	0.02	99.66	0.04	0.26		
	3-5mm	0.05	99.63	0.03	0.21		
	5-10mm	0.04	99.70	0.03	0.19		
	5-10mm	0.04	99.59	0.02	0.30		
	5-10mm	0.03	99.72	0.02	0.18		

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