



# "GrayWolf" W.Szwaja

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## Product Data Sheet

### White fused alumina

Chemical analysis (standard)		
%	Typical	Guaranteed
Al <sub>2</sub> O <sub>3</sub>	99,53	min. 99
SiO <sub>2</sub>	0,05	max. 0,10
Fe <sub>2</sub> O <sub>3</sub>	0,03	max. 0,10
Na <sub>2</sub> O	0,24	max. 0,45

Physical properties		
	Typical	
Bulk density	3,60	g/cm <sup>3</sup>
Specific density	3,90	g/cm <sup>3</sup>
Melting point	2040	°C

Mineralogical composition	
Main phase	α - alumina
Secondary phase	

Other information
White fused alumina (WFA) is obtained from the fusion of high purity calcined alumina in electric arc furnaces. WFA is raw material characterized with high hardness, yet friable with high purity, chemical stability, a high melting point, and large crystal size. It is recommended for refractory applications where purity, chemical stability or high refractoriness is an issue to be considered.