

TECHNICAL DATA SHEET

WHITE FUSED ALUMINA

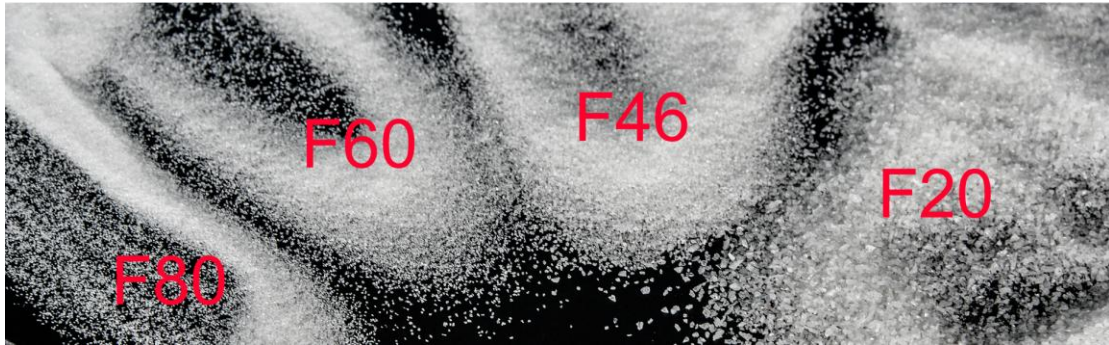
General Information

Product: White Fused Alumina for Abrasive Tools, Sandblasting, Polishing, Surface Preparation

Other Names: White Fused Aluminum Oxide, White Aluminum Oxide, White Corundum

Country of Origin: China

Manufacturer of Material: SEPPE TECHNOLOGIES



Physical Specification & Package

Main Content: α -Al₂O₃

Specific Gravity: $\geq 3.60\text{g/cm}^3$

Bulk Density: $1.5\text{-}2\text{kg/m}^3$

Hardness: 9 MOSH

Color: White

Melting Point: 2350°C

Coefficient of Linear Expansion: $(7\text{-}9)\times 10^{-6}/\text{K}(0\text{-}1600^\circ\text{C})$

Size Available: F8-F220, F280-F2000, other sizes available to request.

Package: Jumbo Bag, 25kg Bag and 40 Bags on a Pallet.

CHEMICAL & PARTICLE WHITE FUSED ALUMINA FOR BONDED ABRASIVE 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	99.54%
	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	0.31%
Physical Analysis	Grit#	Max Size	Big Size	Basic Size	Mixed Size	Small Size	Chemical 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