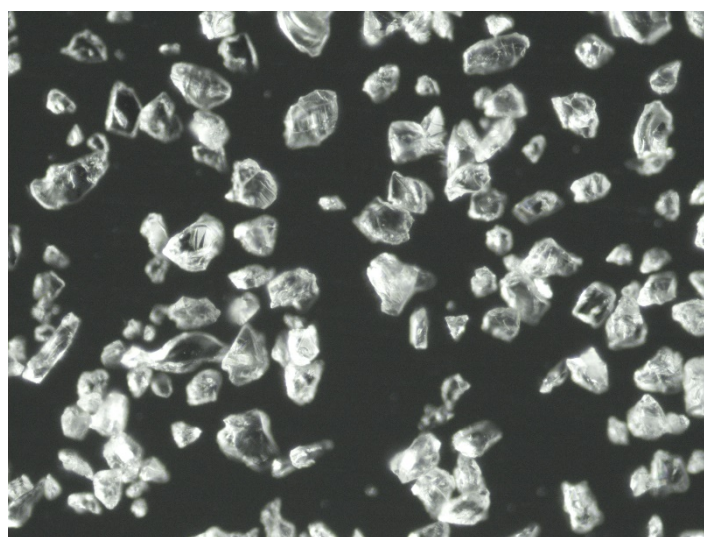


White Fused Alumina Micro Powder



White Fused Alumina is produced by fusion of high purity Bayer processed alumina in electric arc furnaces at a temperature of about 2,050 degree Celsius. JCT's white fused alumina has the features of well-distributed particle size composition, low magnetic substance content, high bulk density and toughness, good toughness, and high cleanliness, etc. The bonded abrasives made by white fused alumina are recommended for the grinding of high carbon steel, high speed steel and chilled steel. It can also be used as blasting, lapping and polishing media and laminating flooring materials.

Chemical Composition

Al ₂ O ₃ (%)	Fe ₂ O ₃ (%)	SiO ₂ (%)	Na ₂ O(%)
> 99.3	< 0.03	< 0.03	< 0.35

Physical Property

JIS Standard	83 Standard	FEPA Standard	Particle size distribution (Sedimentation method)				D50 (Resistance method)
			Ds0	Ds3	Ds50	Ds95	D50
240#	W85	F230	100	77	56-58	48	57±3.0
280#	W75		96	75	49-52	41	48.0±3.0
320#	W63	F240	90	68	45.5-47.5	35	40.0±2.5
360#	W50	F280	76	60	38-40	30	35.0±2.0
400#	W40	F320	65	52	32-33.5	25	30.0±2.0
500#	W40	F360	60	46	26-28	20	25.0±2.0
600#	W28		57	43	22.5-23.5	17	20.0±1.5

700#	W28	F400	50	39	20.5-21.5	14	17.0±1.3
800#	W20	F500	46	34	17-18	12	14.0±1.0
1000#	W20		42	32	14.8-15.8	9.5	11.5±1.0
1200#	W14	F600	39	28	12.7-13.7	7.8	9.5±0.8
1500#	W14	F800	36	24	10.0-11.0	6	8.0±0.6
2000#	W10	F1000	33	21	8.3-9.0	4.7	6.7±0.6
2500#	W7	F1200	30	18	7.1-7.5	3.6	5.5±0.5
3000#	W5	F1500	28	16	5.6-6.2	2.8	4.0±0.5
4000#	W3.5	F2000					3.0±0.4
6000#	W2.5	F2500					2.0±0.4
8000#	W1.5						1.0±0.3

Application

- Grinding and Polishing
- Sand Blasting
- Precision Ceramics, Precision Casting/Foundry Sand
- Aluminium Oxide Coating

Packaging

25kg plastic bags on pallet or loaded in big bag directly. The packaging can be also customized.

Room 801, Building C3,
 Qilu E-commerce Valley, No.139 Liuquan Road,
 Zibo High-tech Zone, Shandong, China 255086
 Tel: +86-533-3171838
 Email: Tea.song@jct-abrasives.com
 Website: www.jct-abrasives.com

