

White Fused Aluminum Oxide**AL**

AL is a white aluminum oxide obtained from the fusion of calcined alumina in electric arc furnace. AL presents high purity and high capacity of edge reposition. AL is recommended for special application where contamination is an issue to be considered.

General Characteristics

True Specific Gravity g/cm ³	Hardness (Knoop – 100) kgf/cm ²	Crystalline Structure
3.94	1,900	α - Alumina

Chemical Analysis by XRF (%)

AL ₂ O ₃	Fe ₂ O ₃	Na ₂ O
99.16	0.08	0.59

Grit Size

	Ds 3	Ds 50		Ds 94
	Max.	Min.	Max.	Min.
F - 230	82.00	50.00	56.00	34.00
F - 240	70.00	42.50	46.50	28.00
F - 280	59.00	35.00	38.00	22.00
F - 320	49.00	27.70	30.70	16.50
F - 400	32.00	16.30	18.30	8.00
F - 500	25.00	11.80	13.80	5.00
F - 600	19.00	8.30	10.30	3.00
F - 800	14.00	5.50	7.50	2.00
F - 1000	10.00	3.70	5.30	1.00
F - 1200	7.00	2.50	3.50	1.00

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*Other grit sizes upon request.

The values informed above are typical, for further information contact Applications Engineer Department.

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