



akcihan

Technical Data Sheet

Brown Fused Aluminum Oxide

Brown aluminum oxide is a material with high hardness and strength. It is commonly used in sandblasting, polishing, and surface treatment applications. It functions as an abrasive material for cleaning, roughening, matting, or polishing surfaces.

The color of brown aluminum oxide can vary in shades of brown depending on the iron oxide content. This material is a durable and effective option widely employed in various industrial sectors.

Applications

- Sandblasting
- Grinding – Metal preparation
- Refractory
- Sandpaper – Cloth and Polishing

Available Sizes

Fepa Standards	Micron (µm)
F008	2000 - 2800
F010	1700 - 2360
F012	1400 - 2000
F014	1180 - 1700
F016	1000 - 1400
F020	850 - 1180
F022	710 - 1000
F024	600 - 850
F030	500 - 710
F036	425 - 600
F040	355 - 500
F046	300 - 425
F054	250 - 355
F060	212 - 300
F070	180 - 250
F080	150 - 212
F090	125 - 180
F100	106 - 150
F120	90 - 125
F150	63 - 106
F180	63 - 90
F220	53 - 75

Chemical Analysis

Compound	Percent (%)
Al ₂ O ₃	95,65
Fe ₂ O ₃	0,12
SiO ₂	0,92
CaO	0,35
TiO ₂	2,42
MgO	0,22

Physical Properties

Sertlik	9 Mohs
Şekil	Angular
Erime Noktası	~ 1950 °C
Yoğunluk	3,9 - 4,1 g/cm ³
Kitle Yoğunluğu	1,5 - 2,1 g/cm ³

Packaging

25kg Kraft bags on pallet of 1 ton

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