

BROWN CORUNDUM : 1st highest choice : (Al₂O₃ > 95%)



Direct from Chinese manufacturers:
Lifeng, Sinabuddy, Vortex, Nuolei.

COMPOSITION :

> à 95,20% oxy.alu, > à 2,20 % oxy.titane,
< à 0,20% oxy.fer, < à 1,50% oxy.silicium.

Pallets of 1 ton in a bag of 25 kg.

Shipping costs are automatically calculated in your shopping cart, Depending on your delivery department and the weight ordered.

Ref. FEPA	Granulometry (microns)	Ref. FEPA	Granulometry (microns)
F 8	2000 à 2800	F46	300 à 425
F 10	1700 à 2360	F 54	250 à 355
F 12	1400 à 2000	F 60	212 à 300
F 14	1180 à 1700	F 70	180 à 250
F 16	1000 à 1400	F 80	150 à 212
F 20	850 à 1180	F 90	125 à 180
F 22	710 à 1000	F 100	106 à 150
F 24	600 à 850	F 120	90 à 125
F 30	500 à 710	F 150	63 à 106
F 36	425 à 600	F 180	53 à 90
F 40	355 à 500	F 220	45 à 75

TECHNICAL CHARACTERISTICS :

Color: Brown

Grain shape: Angular, Cutting edge, Sharp edges

Real density: 3.9 to 4.1 g / cm³

Hardness: 9 MOHS

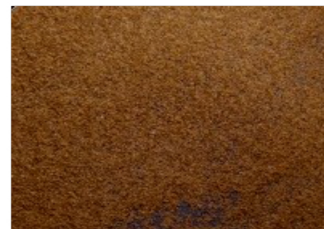
Melting point: Approx. 1900 at 2050 ° C

Bulk density: 1.5 to 2.1 g / cm³ (Depending on grains)

Granulometry: Measured according to FEPA 42 F 1984

Structure: Alpha Alumina

FEPA: European Federation of Manufacturers of Abrasives



Insights only for comparison

Applications: Brown corundum is used for surface treatment by spraying with sleeves, sand blasting cabin or free jet, pickling before painting, rust removal, creation of a roughness for a subsequent deposit: glue, plasma, Paint, teflon, etc. It is also used for the manufacture of grinding wheels and abrasive papers and coatings non-slip floors.

Description: Crystallized alumina oxide obtained by melting in an electric furnace, prepared from calcined bauxite. Its high content of titanium dioxide gives this product a high resistance to wear, and gives it its brown color. Very low iron content. Calibrated to FEPA Standard 42 F 1984

Brown corundum is particularly suitable for stripping or surface preparation by compressed air spraying. The high grain resistance to erosion and shock, their solidity and their bite, gives them a remarkable efficiency, allowing the use of compressed air pressure much lower than those required by other products.

The advantages are undeniable: Increased working speed, reduced abrasive and compressed air consumption, low dust generation, suppression of cleaning after treatment, good roughness of treated surfaces.



Safety: Brown Corundum is a non-toxic, non-hazardous product free from free silica. Stored in a dry place, it keeps all its properties. Take the usual precautions when using any non-toxic pulverulent product.