

BROWN ALUMINUM OXIDE COARSE FOR GENERAL PURPOSES

1 DESCRIPTION

A medium-density, long-wearing, hard, and tough abrasive with minimum wear characteristics. With a hardness of 9.0 on the Mohs scale and 2,090 on the Knoop scale, this material is excellent for surface finishing or iron, steel, and other hard materials.

2 APPLICATIONS

It is the workhorse of the industry, probably the most used abrasive and can be used for very thick or thin cuts where high precision is required.

It has a wide variety of uses including the manufacture of solid abrasives with resin bond, in surface cleaning, metal polishing pastes, etc.

3 TYPICAL CHEMISTRY

	F-G 120	F-G 180
Al ₂ O ₃	95.11%	94.96%
TiO ₂	2.66%	2.69%
SiO ₂	1.48%	1.51%
Fe ₂ O ₃	0.15%	0.16%

4 PHYSICAL PROPERTIES

Crystalline Structure	Alpha
Knoop Hardness	2,090
Mohs Hardness	9.0
Density	3.92 gr/cm ³
Particle Form	Blocky Shape

5 SPECIFICATIONS / NORMS

FEPA 42-2:2006
Micro Spec's



6 SIZES

F-120
F-180

7 PACKAGING

25 kg paper bags and 1 metric ton Super Sacks on wood pallets with stretchable wrap.