

BROWN ALUMINUM OXIDE POWDERS TYPE "LA" FOR USES IN LAPPING OPERATIONS

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

Its main applications are for polishing (flat lapping) hard metal, ceramic, marble and granite. When looking to obtain more precise as to the size, improve the imperfections in shape, achieve smooth surfaces, smooth and improve the fit between them. In lapping operations, the special treatment avoid the material is compacted in the bottom of the containers and can be easily re-suspended in both water and oil.

3 TYPICAL CHEMISTRY

Al ₂ O ₃	94.91%
TiO ₂	3.97%
SiO ₂	0.40%
Fe ₂ O ₃	0.10%
ZrO ₂	0.28%

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-240-LA
F-280-LA
F-320-LA
F-360-LA
F-400-LA
F-500-LA
F-600-LA
F-800-LA
F-1000-LA
F-1200-LA

7 PACKAGING

20 kg and 25 kg plastic pails and paper bags..