



CUMI **SHARP**



SEMI-FRIABLE ALUMINIUM OXIDE - MICRO GRITS F SERIES

Semi friable Brown Fused Aluminium Oxide grains are manufactured by controlled fusion of a mixture of bauxite, coke and iron borings in an electric arc furnace followed by slow solidification. The macro grains produced by crushing, grading, magnetizing and heat treatment are used as input for production of micro grits.

State-of-the-art facilities

CUMI's micro grits are produced through state-of-the-art milling and classifying facilities which ensures micro-grit products of narrow and repeatable particle size distributions.

APPLICATION

CUMI SHARP semifriable grains are used for resinoid bonded abrasives for precision finishing of tough heat sensitive steel types and non ferrous metals. It is also suitable as a lapping powder in loose grain applications and as an abrasive agent in brake discs.

GRAIN SIZES AVAILABLE

F240, F280, F320, F360, F400, F500, F600, F800, F1000 and F1200
as per FEPA (Federation of European Producers of Abrasives) standard 42-1:2006.

TYPICAL PROPERTIES

Chemical composition	
Constituent	Value *
Al ₂ O ₃	97.31 %
TiO ₂	1.47 %
SiO ₂	0.48%
Fe ₂ O ₃	0.12 %
CaO	0.62 %

* Analyzed for Grit F 600

Packing: 25 kg multiply paper bags of 1000 kg palletized. Other packaging types on request

General Inquiries:-

salesemd@cumi.murugappa.com
info@cumi-emd.eu
www.cumi-emd.eu

Alumina Plant:-
CARBORUNDUM UNIVERSAL LIMITED
Electro Minerals Division
P.B.No.1, Kalamassery Development Plot PO
Kochi - 683 109, India
Tel.: +91 484 2540799; Fax: +91 484 2532019
salesemd@cumi.murugappa.com

SiC Plant:-
CARBORUNDUM UNIVERSAL LIMITED
Electro Minerals Division
P.B.No.3, Nalukettu
Koratty - 680 308, India
Tel.: +91 480 2732313; Fax: +91 484 2732821
salesemd@cumi.murugappa.com

Europe Contact:-
Schmiedegasse 24
D-50735 Köln, Germany
Tel.: +49 (0)151 1274 0882
Fax: +49 (0)221 2714 0047
info@cumi-emd.eu