



CUMIPlas



CUMIPlas A 99

A high purity medium density product manufactured in Electric Arc Furnace from a controlled quality of pure grade Bayer Alumina. This is then milled and air classified to yield narrow particle size distributions independent of batch size. The milling and classification process ensure a product free of any contamination.

APPLICATION

- It is used for producing coatings, having an excellent resistance to abrasive wear, cavitations, particle erosion, friction, heat and oxidation. Deposit exhibit high dielectric strength at room temperature.
- It is recommended for applications in textile, chemical and cement industries and engineering constructions.
- It is used on blade tips, compressor rotors, brush seals, etc. in the aerospace industry.

AVAILABLE SIZES

Size Range	D10 (Max)	D 50	D 90 (Max)
5 - 25 Microns	25	11.5 - 14.5	5
10 - 40 Microns	40	22 - 26	10
15 - 45 Microns	45	25 - 29	15
22 - 45 Microns	45	30 - 34	22
45 - 90 Microns	90	68 - 72	45

TYPICAL PROPERTIES

Chemical composition	
Constituent	Value *
Al ₂ O ₃	99.42 %
TiO ₂	0.03 %
SiO ₂	0.18 %
Fe ₂ O ₃	0.05 %
Na ₂ O	0.32 %

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