



Mixed Alumina – M

Mixed Alumina is produced from ceramic grinding wheels and reclaimed alumina dust from the blasting and grinding industry. It consists of a mixture of white, pink and brown alumina, and is an iron-free alternative for many sectors of the blasting and grinding industry.

Applications

- Reusable abrasive
- Grinding, lapping and polishing medium
- Grinding wheels and grinding medium
- Refractory products

Blasting systems

- Pressure blast systems
- Injection blast cabinets

Typical physical properties

Hardness	9 mohs
Grain shape	angular
Melting point	approx. 2000 °C
Specific gravity	approx. 3,9 g/cm ³
Bulk density <small>depending on granular size</small>	approx. 1,5 – 1,8 g/cm ³

Typical chemical analysis

Al ₂ O ₃	88,10 %
SiO ₂	6,80 %
TiO ₂	0,70 %
CaO	0,30 %
MgO	0,30 %
Fe ₂ O ₃	0,20 %
SiC	5,80 %

Packaging

25 kg bags on pallet up to 1 ton
1 ton loose in big bag

Available sizes

FEPA	Average size range (µm)
F 008	2000 – 2800
F 010	1700 – 2360
F 012	1400 – 2000
F 014	1180 – 1700
F 016	1000 – 1400
F 020	850 – 1180
F 022	710 – 1000
F 024	600 – 850
F 030	500 – 710
F 036	425 – 600
F 040	355 – 500
F 046	300 – 425
F 054	250 – 355
F 060	212 – 300
F 070	180 – 250
F 080	150 – 212
F 090	125 – 180
F 100	106 – 150
F 120	90 – 125
F 150	63 – 106
F 180	63 – 90
F 220	53 – 75

Other grain sizes can be produced if required.



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