

Product information

ALUMINIUM OXIDE - balls

Al₂O₃ 99,5%

Characteristic and use:

These media offer better grinding efficiency because of their higher density. Productivity is therefore higher and operating costs are lower. The purity is minimizing batch contamination.

Diameters:

1 mm +/-0,3	6 mm +/-0,5	20 mm -1,5/+2,0
2 mm +/-0,5	8 mm +/-0,5	25 mm -1,5/+2,0
3 mm +/-0,5	10 mm +/-1,0	30 mm -0,5/+3,0
4 mm +/-0,5	15 mm +/-1,0	40 mm -0,5/+3,0
5 mm +/-0,5		50 mm -0,5/+3,0

Technical properties:

Shape	round
Density (spec. gravity)	> 3,8 g/cm³
Hardness HV 10	14 GPa
Coefficient of thermal expansion	---
Surface	---
Modulus of elasticity (Young)	---
Settled apparent density	2,1 kg/dm³
Fracture toughness	4 MPavm
Flexural strength	---
Purity	---
Deformation temperature	---
Thermal conductivity	---
Weight loss	500 ppm/h

Chemical composition:

Al ₂ O ₃	99,50%	MgO	0,20%
SiO ₂	0,10%	Na ₂ O	<0,10%
Fe ₂ O ₃	<0,10%	K ₂ O	0,01%
CaO	<0,10%		

Packing:

- in units with 1 kg or 10 kgs each

Storage:

in dry rooms

Subject to change - All information is given in good faith but without warranty. We cannot accept responsibility or liability for any damage, resulting from the use of this information