

Product information

ALUMINIUM OXIDE - balls

Al₂O₃ 92%

Characteristic and use:

grinding balls: produced by dry-pressing-process, round beads with press-rim ceramic materials are resistant against corrosive influence of the atmosphere also in surroundings of media with content of salt, acid and alkali, gas, steam and deposits - with the exception of hydrofluoric acid.

Diameters:

7 mm	30 mm	50 mm
12 mm	35 mm	63 mm
20 mm	40 mm	
25 mm	45 mm	

Technical properties:

Shape	round
Density (spec. gravity)	> 3,6 g/cm³
Hardness according to Mohs	~ 9
Coefficient of thermal expansion	---
Surface	smooth, dense without porosity
Modulus of elasticity (Young)	---
Settled apparent density	2,2 - 2,3 kg/dm³
Crushing strength acc. to diameter	> 2.250 N/mm ²
Flexural strength	> 340 N/mm ²
Purity	---
Deformation temperature	up to 1.300°C
Water absorption	--

Chemical composition:

Al ₂ O ₃	92,0%
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Packing:

- in jute-bags with 50 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