

Datasheet | Abrasives

CERAMIC BEADS

GENERAL INFORMATION

Abrasive	Ceramic Beads
Shape	Round

SIZES

B 205	0 – 63 µm
B 125	0 – 125 µm
B 120	63 – 125 µm
B 60	125 – 250 µm
B 40	250 – 425 µm
B 30	425 – 600 µm
B 20	600 – 850 µm

PHYSICAL PROPERTIES

Hardness (Mohs)	ca. 7–7.5 Mohs
Hardness (Rockwell)	ca. 60 HRC
Hardness (Vickers)	ca. 700 HV
Specific weight	ca. 3.8 g/cm ³
Bulk weight	ca. 2.3 kg/l

CHEMICAL COMPOSITION

ZrO₂	65 – 70 %
SiO₂	28 – 33 %
Al₂O₃	max. 0.10 %

MODE OF USE

Reusable blasting medium

APPLICATIONS

Tool cleaning	Misc. surface finishing
Shot peening	Peen forming

SHOT BLASTING SYSTEMS

Compressed air; Blasting wheel

CERTIFICATIONS & SYSTEM APPROVAL

Standards	SAE J1830; AMS 2431/7
Certifications	ISO 9001



Subject to change without notice. All specification are only a general description of our products. For detailed information please ask for our product leaflets.

INFO

Ceramic beads represent a fine non-metallic abrasive medium on Zirkonoxide base. It is manufactured by a melting process and a following special atomisation process of shaping. Afterwards it is classified into various sizes. Ceramic beads are iron-free and proved to be a very tough medium.

PACKAGING



Can

25 kg (55 lbs)
500 kg (1,102 lbs)
per pallet (= 20 cans)



Drum

25 kg (55 lbs)



Big Bag

500 kg,
1,000 kg
(1,102 lbs,
2,205 lbs)

STORAGE



**Keep
Dry**