

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 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/cm³ Bulk weight ca. 2.3 kg/l		
Shape Round SIZES Round 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 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/cm³	GENERAL INFORMATION	
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Hardness (Vickers) ca. 700 HV Specific weight ca. 3.8 g/cm ³	Hardness (Mohs)	ca. 7-7.5 Mohs
Specific weight ca. 3.8 g/cm ³	Hardness (Rockwell)	ca. 60 HRC
	Hardness (Vickers)	ca. 700 HV
Bulk weight ca. 2.3 kg/l	Specific weight	ca. 3.8 g/cm³
	Bulk weight	ca. 2.3 kg/l

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ZrO ₂	65 – 70 %
SiO ₂	28-33%
Al,O,	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



25 kg (55 lbs) 500 kg (1,102 lbs)



Drum 25 kg (55 lbs)



Big Bag 500 kg, 1.000 kg (1,102 lbs, 2,205 lbs)

STORAGE



Keep Dry

