

BLASTING BEADS



BLASTING BEADS are fine blasting and non-disposable abrasives in accordance with DIN 8201, based on molten sodium glass. The product meets the work protection requirements in accordance with BGR 500, part 2, „Working with blasting equipment (blasting work)“.

CHARACTERISTICS

- > smooth
- > matting, levelling, shot peening
- > recycling product
- > multifunctional
- > Iron-free for stainless and special steel as well as non-ferrous metals (weld seams)
- > For compressed air and injector jet technology

CHEMICAL ANALYSIS

(normal values)

SiO ₂	min.	65 %
Al ₂ O ₃		0,5 – 2 %
Fe ₂ O ₃	max.	0,15 %
MgO	min.	2,5 %
CaO	min.	8 %
Na ₂ O	min.	14 %

PHYSICAL PROPERTIES

specific weight	approx.	2,5 g/cm ³
bulk density	approx.	1,5 g/cm ³
Mohs hardness	approx.	6
particle shape		round

SIZES

1 – 50 µm	150 – 250 µm
40 – 70 µm	200 – 300 µm
50 – 105 µm	200 – 400 µm
70 – 110 µm	300 – 400 µm
90 – 150 µm	400 – 600 µm
100 – 200 µm	400 – 800 µm

PACKAGING

25kg paper bags on europallets of 1,000kg
Big bags of 1,000kg

USE

Use as non-disposable abrasives in stationary compressed air jet systems, e.g. shot blasting chambers.
Gentle cleaning of sensitive surfaces.
Generation of even, smoothed or matted surfaces.
Appropriate for blasting work on high-alloy steel, special steel and non-ferrous metals due to no iron content.
Removal of discolouration and smoothing of weld seams. Shot peening.
Sectors: Device and Container Construction for the Medicine and Food Industries, Stainless Steel Construction, Shipbuilding Industry, Design & Architecture.