

Datenblatt | Data sheet

Ceramic blasting media

Spheres of oxide with polycrystalline structure. Good mechanical properties as well as good corrosion, abrasion and heat resistance. Low wear, even on the machines used, low dust generation, long service life, can be used up to 400 °C.

These abrasives are not water soluble, have no metallic components and are not electrically conductive. Use in compressed air and centrifugal blast machines, injector blast machines and wet blast machines with low throw-off speed. Suitable for stainless steel and aluminum processing.

Corrosion resistance

Resistant: Water, salt solutions, acids, also solid in aggressive environments

Unstable: In contact with hydrofluoric acid, hydrochloric acid, warm sulfuric acid and strong alkali solutions

Material composition in %

ZrO ₂	SiO ₂	Al ₂ O ₃
60 - 70	28 - 33	< 10

Characteristics	Unit	Value
Density	g/cm ³	~ 3,80
Bulk density	kg / l	~ 2,3
Water absorption	%	-
Melting point	° C	~ 2.100
Hardness	HV 1,0	520 - 820
	HRC	50 - 65

Available in bags/kilos with grain size µm

0 - 63 / 0 - 125 / 70 - 125 / 125 - 250 / 250 - 425 / 425 - 600 / 600 - 850