

VitroBlast®



VitroBlast® is a blasting abrasive based on hollow and flat glass. VitroBlast meets the requirements laid down in DGUV rule 100-500, part 2, chapter 2.24 „Working with blasting equipment (blasting works).“

CHARACTERISTICS

- > environmentally friendly
- > conserving resources
- > iron-free
- > in the rough grain: strong for high removal and desired grip
- > in fine grain: smooth for the gentle use
- > bright spray pattern

CHEMICAL ANALYSIS (GUIDELINE VALUES)

SiO ₂	70 %
MgO	2 %
K ₂ O	1 %
Na ₂ O	12 %
CaO	10 %
Al ₂ O ₃	2 %
Others	3 %

PHYSICAL PROPERTIES

specific weight	approx.	2,5 g/cm ³
bulk density	approx.	1,3 – 1,45 g/cm ³
Mohs hardness	approx.	6
particle shape	angular	

SIZES

VB 0	0,04 – 0,18 mm
VB 1	0,10 – 0,35 mm
VB 2	0,35 – 0,80 mm
VB 3	0,35 – 1,50 mm
VB 4	0,80 – 1,50 mm
VB 5	0,80 – 2,50 mm

For production reasons, foreign impurities, additives and over-size particles can occur up to a maximum of 0.1% by mass.

PACKAGING

- 25 kg paperbags on CPI-pallet 1.000 x 1.200 (treated as one-way pallet) à 1.000 kg, shrink foiled
- Big Bags à 800 kg, 1.000 kg or 1.200 kg on CPI-pallet 1.000 x 1.200 (treated as one-way pallet), shrink foiled

USE

As expendable and reusable blasting media in mobile and stationary air and slurry blasting systems. Careful cleaning of sensitive surfaces like molds and tools. Due to absence of iron suitable for blasting works on stainless steels, special steels, non-ferrous metals and wood.

Industrial sectors: Apparatus and tanks, stainless steel and steel construction, vehicle manufacturing, corrosion protection, shipyard industry, façade/stone/concrete cleaning, graffiti-removal, blasting of wood.