

GLASS GRIT ST



GLASS GRIT ST is a fine blasting abrasive in accordance with DIN 8201, based on broken sodium glass. The product meets the work protection requirements in accordance with DGUV rule 100-500, part 2, chapter 2.24, „Working with blasting equipment (blasting work)“.

CHARACTERISTICS

- > smooth
- > bright blast pattern
- > iron-free for stainless and special steel, non-ferrous metals and wood
- > for compressed air and injector jet technology

CHEMICAL ANALYSIS (GUIDELINE VALUES)

SiO ₂	min.	70 %
Al ₂ O ₃	min.	0.5 %
Fe ₂ O ₃	max.	0.5 %
MgO	min.	2.0 %
CaO	min.	8.0 %
Na ₂ O	min.	12.0 %
Other	max.	6.5 %

PHYSICAL PROPERTIES

specific weight	approx.	2.50 g/cm ³
bulk density	approx.	1.30 g/cm ³
Mohs hardness	approx.	6
particle shape	angular	

SIZES

ST 180	80 – 125 µm	ST 80	250 – 350 µm
ST 160	106 – 125 µm	ST 60	250 – 400 µm
ST 150	106 – 150 µm	ST 40	315 – 500 µm
ST 145	106 – 180 µm	ST 30/40	350 – 500 µm
ST 140	125 – 200 µm	ST 03/06	350 – 600 µm
ST 130	125 – 224 µm	ST 24/36	350 – 800 µm
ST 120	125 – 250 µm	ST 20/30	600 – 1.000 µm
ST 110	200 – 315 µm	ST 25	600 – 1.250 µm
ST 100	200 – 350 µm	ST 16/36	800 – 1.500 µm

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

PACKAGING

- 25 kg paper bags on pallets of 1,000 kg
- Big Bags of 1,000 kg

USE

Use as expendable and reusable abrasives in mobile and stationary compressed air jet systems.

Gentle cleaning of sensitive surfaces e.g. moulds and tools.

Appropriate for blasting work on high-alloy steel, special steel, non-precious metals and wood due to no iron content.

Sectors: Device and container construction, stainless steel, steel construction, corrosion protection, graffiti removal.