

## BEKAGRIT

Iron silicate grit

### Features & Benefits

Dessel, BE

Bekagrit is an iron silicate blast cleaning grit made of granulated slag from metal melting processes (also called copper slag).

Bekagrit is designed for blast cleaning of steel and stone/concrete surfaces, removal of mill scale, rust, old paint, dirt etc. Suitable for SA-3, SA-2½ and SA-2, as well as SA-1, also called sweep blasting.

Bekagrit is accurately processed and sized and complies with ISO standards 11126-3 and 11127. It contains less than 1% free crystalline silica.

### Granulometric Data & Physical Characteristics

Mean values. These do not represent a specification

Shape	:	sharp and angular
Colour	:	grey / black
Hardness	:	7 Mohs
Specific density	:	± 3.5 kg/dm <sup>3</sup>
Loose bulk density	:	± 1.8 kg/dm <sup>3</sup>
Conductivity	:	less than 250 µS/cm
Water-soluble chlorides	:	less than 0.0025% (m/m)

BG250	0.1 - 0.4 mm	BGX	0.5 - 1.6 mm
BG06	0.1 - 0.6 mm	BG25	0.2 - 2.5 mm
BG08	0.2 - 1.0 mm	BGST	0.5 - 2.5 mm
BG15	0.2 - 1.5 mm		

### Chemical Analysis (XRF) %

Mean values. These do not represent a specification

SiO <sub>2</sub>	:	25	-	35	% in bound form, <1% free crystalline silica
Al <sub>2</sub> O <sub>3</sub>	:	2	-	9	%
Fe <sub>2</sub> O <sub>3</sub>	:	45	-	65	%
CaO	:	0	-	2	%
K <sub>2</sub> O	:	0	-	1	%
MgO	:	0	-	1	%
TiO <sub>2</sub>	:	0	-	1	%
Na <sub>2</sub> O	:	0	-	2	%
Andere	:	traces only			

### Availability

Bekagrit is produced in Dessel, Belgium.

### Packing

- 3-ply paper bags of 25 kg, on shrinkfoiled export pallets.
- Strong woven polypropylene big bags, with 4 lifting loops.
- Other packing options on request.

**BEKAGRIT**  
Iron silicate grit**ISO**

Bekagrit is produced according to product standards ISO 11126-3 en 11127.

**For product information and customer service****SIBELCO**

Noordhoek 7  
3351 LD Papendrecht  
Nederland  
Tel.: +31-(0)85-0644300

e-mail: [abrasives@sibelco.com](mailto:abrasives@sibelco.com)

website: <https://abrasives.sibelco.com/>

The technical data presented here is for marketing purposes only and is not contractually binding. The data herein is determined using Sibelco standard test methods. We reserve the right to change this data when necessary. Safety information accompanying this product is available in the form of an SDS. All sales are undertaken strictly in accordance with our "General Conditions of Sale", available upon request, or by a written sales agreement duly signed by us.

Equipment, materials and abrasives used for surface preparation can be hazardous if used carelessly. Many national regulations exist for those materials and abrasives that are considered to be hazardous during or after use (waste management), such as free silica or carcinogenic or toxic substances. Those regulations are therefore to be observed. It is important to ensure that adequate instructions are given and that all required precautions are exercised.

BEKAGRIT\_TDS\_DES\_BE\_JUN19\_EN\_1.02