

Technical Data Sheet

CLEMGRIT - Blast Furnace Slag Abrasive

CLEMGRIT R is a blasting abrasive based on calcium silicate. It meets the requirements for non-silicogenic abrasives according to Section 3.2 of Chapter 2.24 (Blasting operations) of BG Rule 500 (until January 2005: Section 7 of BG Regulation D26)

The test certificate is in accordance with the requirements of occupational health and safety (IFA test certificate for the testing of abrasives for the content of silicogenic, toxic and carcinogenic components).

Blast furnace slag blasting media is available in following grain sizes:

**0,1 - 0,5 mm / 0,25- 1,2 mm / 0,25- 1,4 mm / 0,25- 2,0 mm / 0,5 - 1,2 mm
0,5 - 1,4 mm / 0,5 - 2,0 mm / 1,0 - 2,0 mm / 1,4 - 2,8 mm**

Chemical composition:

SiO ₂	44 - 52 %
CaO	25 - 36 %
Al ₂ O ₃	7 - 14 %
MgO	5 - 8 %
Fe ₂ O ₃	1 - 2 %

Metals are bound as silicates.

Blast furnace slag blasting media are free from crystalline silica.

Physical Properties:

Shape	edged
Color	dark-green, black, grey
Raw tight	ca. 2,6 g/cm ³
spec. Gravity	ca. 1,3 g/cm ³
hardness (mohs)	7

REACH Reg. number: 01-2119487456-25

HS-Code: 26190090

EG-Nr.: 266-002-0

CAS-Nr.: 65996-69-2

Physical forms:

- loosely loaded in silo or 10 t container
- 25-KG-plastic bags 1.000 kg on palette with stretch hood
- Big-Bags with 1 ton to max.1,5 ton

