

SWARCOBLAST Crushed Grinding Wheels

Technical information

Main characteristics

SWARCOBLAST crushed grinding wheels is a non-metallic synthetic fine blasting medium made of high-quality grinding wheels and corundum powder of the abrasives industry. This reclaim is a mixture of normal and high-grade corundum.

It is suitable for derusting, descaling, cleaning, deburring and roughening of steel, brass and machine parts.

Available grain sizes

Macrogrits acc. to FEPA

| Sieving range | μm | Macrogrits acc. to FEPA | | | | | |
|---------------|----|-------------------------|-----------|-----|---------|------|---------|
| | | F8 | 2000–2830 | F30 | 500–707 | F80 | 149–210 |
| | | F10 | 1680–2380 | F36 | 420–595 | F90 | 125–177 |
| | | F12 | 1410–2000 | F40 | 354–500 | F100 | 105–149 |
| | | F16 | 1000–1410 | F46 | 297–420 | F120 | 88–125 |
| | | F20 | 841–1190 | F54 | 250–354 | F150 | 63–105 |
| | | F22 | 707–1000 | F60 | 210–297 | F180 | 53–88 |
| | | F24 | 595–841 | F70 | 177–250 | F220 | 44–74 |

Product information

Property

Typical value

Unit

Specific weight

~3,8-4,0

g/cm³

Bulk weight

~1,5-1,8

kg/l

Hardness

~9

acc. to Mohs

21 kn/mm²

acc. to Knoop

Grain shape

edged

/

Material

Chemical composition

Aluminium oxide:

Property

Typical value

Unit

Al₂O₃

~80,1

%

SiO₂

~11,6

%

Fe₂O₃

~0,2

%

TiO₂

~0,7

%

CaO

~1,6

%

MgO

~5,8

%

Packaging

- Packaging in 25 kg paper bags.
- Packaging in 1.000 kg big bags is possible upon request.

Storage

- Protect product against humidity.
- Dry and sheltered storage.

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This information is, however, no warranty for any properties of the material. We provide this information without obligation, also regarding the rights of third parties.

The users have to make sure that the material is appropriate for the respective application.

Upon the release of a new technical information sheet, this document becomes invalid.