

SWARCOBLAST High-Grade Corundum, white

Technical information

Main characteristics

SWARCOBLAST high-grade corundum white is a non-metallic, synthetic fine blasting medium made of aluminium oxide. It is suitable for applications where a non-ferrous and aggressive blasting medium is necessary, also for materials with highest hardness. Main application fields are aerospace, dental, electroplating, reactor and laboratory technologies.

SWARCOBLAST high-grade corundum achieves a high cleaning effect in the shortest possible time through very sharp edges, even after multiple usage in the cycle. Additionally, it is also used as anti-skid material for road marking.

Available grain sizes

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

μm

Microgrits acc. to FEPA

F240	28–70	F500	5–25
F280	22–59	F600	3–19
F320	16–49	F800	2–14
F360	12–40	F1000	1–10
F400	8–32		

Sieving range

Metric grains

0,06–0,12
0,12–0,25
0,25–0,5
0,5–1,0
0,5–1,5
0,5–2,0
1,0–2,0

mm

Product information

Property

Typical value

Unit

Specific weight
Bulk weight
Hardness

~3,9-4,1
~1,4-1,8
~9
21 kn/mm²

g/cm³
kg/l
acc. to Mohs
acc. to Knoop

Colour
Grain shape

White
very sharp-edged

/
/

Material

Chemical composition

Aluminium oxide:

Property	Typical value	Unit
Al ₂ O ₃	~99,3	%
SiO ₂	~0,12	%
Fe ₂ O ₃	~0,13	%
Na ₂ O	~0,40	%

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

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