

SWARCOBLAST Blasting Corundum

Technical information

Main characteristics

SWARCOBLAST blasting corundum is a synthetic fine blasting medium with mineral (aluminium oxide) and metal (ferrosilicon) content. This makes it both aggressive and stable.

The blasting corundum is suitable for cleaning, roughening, descaling and derusting of metal parts with no special requirements and where losses of abrasives are unavoidable.

Available grain sizes

		Metric grains	
Sieving range	mm	0–0,075	0,5–1,5
		0,075–0,125	1,0–1,5
		0,125–0,25	0,5–2,0
		0,25–0,5	1,0–2,0
		0,5–1,0	2,0–3,0

Upon request, special particle size distribution 0,2–1,4 mm also available.

Product information

Property	Typical value	Unit
Specific weight	~5,0-5,5	g/cm ³
Bulk weight	~2,0-2,5	kg/l
Hardness	~9	acc. to Mohs
	21 kN/mm ²	acc. to Knoop
Colour	brown	/
Grain shape	very sharp-edged	/

Chemical composition

	Property	Typical value	Unit
Mineral part (Aluminium oxide)	Al ₂ O ₃	~39,0	%
	SiO ₂	~0,3	%
	Fe ₂ O ₃	~0,3	%
	TiO ₂	~0,9	%
	Fe	~46,0	%
Metallic part (Ferrosilicon)	Si	~7,2	%
	Ti	~3,0	%

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.