

SWARCOBLAST High-Grade Corundum, white

Technical Information

MAIN CHARACTERISTICS & FIELD OF APPLICATION

SWARCOBLAST high-grade corundum 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

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
		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						
mm	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							

MATERIAL

Chemical composition	Aluminium oxide
	Al ₂ O ₃ ~ 99,3 %
	SiO ₂ ~ 0,12 %
	Fe ₂ O ₃ ~ 0,13 %
	Na ₂ O ~ 0,40 %

PRODUCT INFORMATION

Specific weight		~ 3,9-4,1 g/cm ³
Bulk weight		~ 1,4–1,8 kg/l
Hardness	acc. to Mohs	~ 9
	acc. to Knoop	21 kN/mm ²
Colour		white
Grain shape		very sharp-edged

PACKAGING & STORAGE

Packaging in 25 kg paper bags. Packaging in 1000 kg big bags is possible upon request. Protect product against humidity. Dry and sheltered storage.

IMPORTANT INFORMATION

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