

SWARCOBLAST Normal Corundum

Technical Information

MAIN CHARACTERISTICS & FIELD OF APPLICATION

SWARCOBLAST normal corundum is a non-metallic synthetic blasting medium made of aluminium oxide. It is suitable for derusting and descaling of iron and steel constructions, as well as roughening of metal surfaces for subsequent application of coatings. Further applications are cleaning, deburring and matting of materials. SWARCOBLAST normal corundum achieves a high cleaning effect in the shortest possible time through very sharp edges, even after multiple usage in the cycle.

AVAILABLE GRAIN SIZES

	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		
		Sieving Range	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								
mm	Metric grains:								
	0,06–0,12								
	0,12–0,25								
	0,25–0,5								
	0,5–1,0								
	0,5–2,0								
1,0–2,0									

MATERIAL

Chemical composition	Aluminium oxide
	Al ₂ O ₃ 95,0 %
	SiO ₂ 0,9 %
	Fe ₂ O ₃ 1,0 %
	TiO ₂ 2,7 %
	CaO 0,1 %
	MgO 0,3 %

PRODUCT INFORMATION

Specific weight	~ 3,9-4,1 g/cm ³
Bulk weight	~ 1,4–2,1 kg/l
Hardness	acc. to Mohs ~ 9
	acc. to Knoop 21 kN/mm ²

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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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