

Green silicon carbide grains for abrasive applications

Sieved, green silicon carbide in macro grains, produced to comply with FEPA standard and particularly suitable for resinoid bonded grinding wheels, cut-off or snagging wheels.

Packaging 25 kg paper bags or 1.000 kg or 1500 kg big bags. 500 kg big bags on request.

Typical chemistry

	SiC	Free-C	Free-SiO ₂	Free-Si	MI
Macro sizes	98.90%	0.15%	0.40%	0.40%	0.03%
Micro sizes	98.80%	0.10%	0.38%	0.30%	0.04%

Grit sizes

Macro grits			Micro grits		
Grit no.	Mean-Ømm	LPD g/cm ³	Grit no.	Mean-Ømm	LPD g/cm ³
F12	1.765	1.45 - 1.55	F240	44.5	1.33 - 1.53
F14	1.470	1.45 - 1.55	F280	36.5	1.31 - 1.51
F16	1.230	1.45 - 1.55	F320	29.2	1.28 - 1.49
F20	1.040	1.45 - 1.55	F360	22.8	1.19 - 1.39
F22	0.885	1.45 - 1.55	F400	17.3	1.10 - 1.30
F24	0.745	1.45 - 1.55	F500	12.8	1.07 - 1.27
F30	0.625	1.45 - 1.55	F600	9.3	0.90 - 1.10
F36	0.525	1.46 - 1.56	F800	6.5	0.87 - 1.07
F46	0.370	1.47 - 1.57			
F54	0.310	1.46 - 1.56			
F60	0.260	1.46 - 1.56			
F70	0.218	1.45 - 1.55			
F80	0.185	1.44 - 1.54			
F90	0.154	1.43 - 1.53			
F100	0.129	1.42 - 1.52			
F120	0.109	1.40 - 1.50			
F150	0.082	1.38 - 1.48			
F180	0.069	1.36 - 1.46			
F220	0.058	1.34 - 1.44			

Analytical procedures:

Particle Size Distribution is measured according to FEPA Standard 42-1

LPD = Loose Pack Density is measured according to FEPA Standard 44-1

Magnetic Iron (MI) measured according ANSI B74.19 Chemistry according ANSI B74.15