

Green Silicon Carbide grains für abrasive applications

Chemically tested, high purity green silicon carbide in macro and micro grains, produced to comply with FEPA standard and particularly suitable for high quality vitrified bonded grinding wheels, honing stones, lapping and polishing applications.

Packaging 1.000 kg or 1.500 kg Big Bags or 25 kg paper bags. Silo trucks on request.

Typical chemistry

	SiC	Free-C	Free-SiO ₂	Free-Si	Fe ₂ O ₃	MI
SIKA ABR II macro	99.20 %	0.20 %	0.30 %	0.30 %		0.02 %

Grit Sizes and Shapes

Macro grits		
Grit no.	Mean-Ømm	LPD g/cm ³
F16	1.250	1.43 - 1.51
F20	1.040	1.44 - 1.52
F24	0.750	1.45 - 1.53
F30	0.630	1.45 - 1.53
F36	0.530	1.46 - 1.54
F40	0.450	1.47 - 1.55
F46	0.390	1.47 - 1.55
F54	0.320	1.46 - 1.54
F60	0.270	1.46 - 1.54
F70	0.220	1.45 - 1.53
F80	0.190	1.44 - 1.52
F90	0.155	1.43 - 1.51
F100	0.130	1.42 - 1.50
F120	0.110	1.40 - 1.48
F150	0.090	1.38 - 1.46
F180	0.075	1.38 - 1.46
F220	0.063	1.36 - 1.44

Analytical procedures:

Particle Size distribution is measured according to FEPA Standard 42-1:2006 for Macro-, and 42-2:2006 for Micro-grains
 LPD = Loose Pack Density is measured according to FEPA Standard 44-1:2006 for Macro-, and 44-2:2006 for Micro-grains
 Magnetic Iron (MI) measured according ANSI B74.19-1990
 Chemistry according ANSI B74.15-1992 (R2000)

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