

Green and black silicon carbide grains for abrasive applications

Green silicon carbide chemically treated and black silicon carbide water-washed with high purity micro grains, produced to comply with JIS standard particularly suitable for high quality vitrified bonded grinding wheels, honing stones, lapping, fine coated abrasives and special polishing applications.

Packaging 1.000 kg or 25 kg paper bags or 100 kg drums. 500 kg big bags on demand.

Typical chemistry

	SiC	Free-C	Free-SiO ₂	Free-Si	Fe ₂ O ₃	MI
SIKA® ABR I	98.50%	0.15%	0.10%	0.10%	0.10%	-
SIKA® ABR JIS - micro	98.00%	0.14%	0.75%	0.75%	-	-

Grit sizes

Grit no.	Ø d _{s50} mean µm
JIS 800	14.0
JIS 1000	11.5
JIS 1200	9.5
JIS 1500	8.0
JIS 2000	6.7
JIS 2500	5.5
JIS 3000	4.0
JIS 4000	3.0

Analytical procedures:

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

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