



PRODUCT CODE

SM8

Main applications



Ceramic coatings
– sensor



Orthopedic &
dental ceramics

TYPICAL VALUES

BET Specific Surface Area (m ² /g)	10	
Crystal Structure	Alpha	
XRD Alpha Crystallite Size (nm)	50	
TEM Ultimate Particle Size (nm)	400	
Particle Size Distribution (µm)	d20	0.1
	d50	0.2
	d90	0.3
Bulk Density (g/cm ³)	0.8	
Tapped Density (g/cm ³)	1.1	

CHEMICAL ANALYSIS

ICAP values (ppm)

Ca	3	Si	20
Fe	4	Na	13

Typical values are given by Baikowski as an indication only. Such values are not contractual.

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PSB INDUSTRIES

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