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JURAPERLE BM

Chemical analysis of JURAPERLE

CaCO ₃	(DIN EN 15309)	0,98 %
MgCO ₃	(DIN EN 15309)	0,4 %
Fe ₂ O ₃	(DIN EN 15309)	0,1 %
Al ₂ O ₃	(DIN EN 15309)	0,2 %
SiO ₂ (Silicates)	(DIN EN 15309)	1 %
Volatile matter (105°C)	(DIN EN ISO 787-2)	< 0,2 %
Loss on ignition	(DIN EN 459-2)	43,1 %
HCl-insoluble	(DIN 55 918)	1,2 %

Physical data

Loose bulk density		0,6 g/cm ³
pH value	(DIN EN ISO 787-9)	9,6
Density	(DIN EN ISO 787-10)	2,7 g/cm ³
Hardness (Mohs)		3

Optical properties

Brightness	(C/2 ⁰ , DIN 53 163)	86
Yellow-index	(DIN 6167)	13
CIELAB-Colour values	(DIN 6174)	L* 94
		a* 0,9
		b* 6,7

The above data are average values from numerous measurements, published without legal commitment.

Sieve analysis (DIN 53 734)

Percentage of particles finer than 40 μm 99,9 %

Particle size distribution (Laser-Granulometer)

Percentage of particles finer than	12 μm	99,2 %
	8 μm	94 %
	4 μm	65 %
	2 μm	36 %

Mean particle size: 2,9 μm

Particle size distribution curve of JURAPERLE BM (Laser-Granulometer Sympatec Helos R3)

