

**JURAPERLE LMP****Chemical analysis of JURAPERLE**

CaCO ₃	98,1 %	
MgCO ₃	0,9 %	
Fe ₂ O ₃	0,08 %	
Al ₂ O ₃	0,35 %	
SiO ₂ (Silicates)	0,55 %	
Volatile matter (105°C)	(DIN EN ISO 787-2)	< 0,2 %
Loss on ignition	(DIN EN 459-2)	43,3 %
HCl-insoluble	(DIN 55 918)	0,8 %

Physical data

Loose bulk density		1,42 g/cm ³
Electrical conductivity (10%)	(DIN ISO 787-14)	50 µS/cm
pH value	(DIN EN ISO 787-9)	9,6
Density	(DIN EN ISO 787-10)	2,7 g/cm ³
Hardness (Mohs)		3
Refractive index		1,59

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

Sieve analysis (DIN 53 734)

Percentage of particles finer than	800 μm	99	%
	630 μm	92	%
	500 μm	63	%
	315 μm	11	%
	200 μm	2	%

Mean particle size: 480 μm

**Particle size distribution curve of JURAPERLE LMP
(Air jet sieve)**

