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**JURAPERLE LM****Chemical analysis of JURAPERLE**

CaCO <sub>3</sub>	98,1 %	
MgCO <sub>3</sub>	0,9 %	
Fe <sub>2</sub> O <sub>3</sub>	0,08 %	
Al <sub>2</sub> O <sub>3</sub>	0,35 %	
SiO <sub>2</sub> (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		1,35 g/cm <sup>3</sup>
Packed bulk density	(DIN EN ISO 787-11)	1,65 g/cm <sup>3</sup>
Electrical conductivity (10%)	(DIN ISO 787-14)	48 μS/cm
pH value	(DIN EN ISO 787-9)	9,6
Density	(DIN EN ISO 787-10)	2,7 g/cm <sup>3</sup>
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	630 $\mu\text{m}$	98	%
	500 $\mu\text{m}$	92	%
	315 $\mu\text{m}$	66	%
	180 $\mu\text{m}$	30	%
	90 $\mu\text{m}$	8	%

Mean particle size: 250  $\mu\text{m}$

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

