



EDUARD MERKLE GMBH & CO. KG

KALK-, TERRAZZO- UND STEINMAHLWERKE 89143 Blaubeuren-Altental Tel. (07344) 9601-0 Fax (07344) 9601-11

JURAPERLE 150/300**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		1,2 g/cm ³
Packed bulk density	(DIN EN ISO 787-11)	1,6 g/cm ³
Oil absorption	(DIN EN ISO 787-5)	< 10 g/100g
DOP absorption	(DIN EN ISO 787-5)	12 g/100g
Electrical conductivity (10%)	(DIN ISO 787-14)	52 µS/cm
pH value	(DIN EN ISO 787-9)	9,7
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	315 μm	98	%
	180 μm	88	%
	90 μm	23	%
	40 μm	9	%
Mean particle size:	125 μm		

**Particle size distribution curve of JURAPERLE 150/300
(Air jet sieve)**

