



EDUARD MERKLE GMBH & CO. KG

KALK-, TERRAZZO- UND STEINMAHLWERKE D-89143 Blaubeuren-Altental Tel. +49(0)73 44-96 01-0 Fax +49(0)73 44-96 01-11

ULMER WEISS 150/300 H

Chemical analysis of ULMER WEISS

CaCO ₃	(DIN EN 15309)	98,5 %
MgCO ₃	(DIN EN 15309)	0,3 %
Fe ₂ O ₃	(DIN EN 15309)	0,04 %
Al ₂ O ₃	(DIN EN 15309)	0,1 %
SiO ₂ (Silicates)	(DIN EN 15309)	0,3 %
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)	0,4 %

Physical data

Density	(DIN EN 1097-7)	2,7 g/cm ³
Bulk density	(DIN EN ISO 787-11)	1,4 g/cm ³
pH value	(DIN EN ISO 787-9)	9,7
Hardness (Mohs)		3

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	99	%
	180 μm	85	%
	90 μm	24	%
	40 μm	8	%
Mean particle size:	140 μm		

**Particle size distribution curve of ULMER WEISS 150/300H
(Air jet sieve)**

