

SILICA SAND OF MOL

After mining, the silica sands of Mol - **M31**, **M32** and **M34** - are industrially processed: sieved, washed and classified. These qualities are available moist or dried; by truck, wagon or ship; in bulk or bagged (dried sands).

The silica sands of Mol are an excellent raw material for the glass-, crystal- and ceramic industry, for foundries, for tile glues, plasters, mortars, coatings etc...

GRANULOMETRIC DATA AND PHYSICAL CHARACTERISTICS

Method: ISO-sieving

	M31	M32	M34	
D50	370	260	170	µm
> 1000 µm	1			%
> 710 µm	5			%
> 500 µm	25			%
> 355 µm	53	7		%
> 250 µm	85	57	3	%
> 180 µm	98	93	30	%
> 125 µm			91	%
< 63 µm	traces	≤ 0.1	≤ 0.3	%
density	2.65	2.65	2.65	kg/dm ³
bulk density	1.6	1.5	1.4	kg/dm ³
hardness	7	7	7	Mohs
pH	7	7	7	
loss on ignition	0.15	0.15	0.15	%
colour	L* 70	70	72	Minolta CM-3610d D65/10°
	a* 2.63	2.79	1.93	
	b* 9.58	9.82	7.76	

CHEMICAL ANALYSIS (XRF) %

	M31	M32	M34
SiO ₂	99.5	99.5	99.0
Fe ₂ O ₃	0.04	0.03	0.07
Al ₂ O ₃	0.20	0.20	0.60
TiO ₂	0.03	0.03	0.06
K ₂ O	0.03	0.05	0.30
CaO	0.01	0.01	0.02

The above given information is based on mean values. The typical properties and chemical analyses are intended as examples and are not to be considered as substitutes for actual testing and analyses in those situations where properties and chemical compositions are critical factors.

Sales and supplies will always be according to our general sales conditions.

CAS-Nr.: 14808-60-7

EINECS-Nr.: 238-878-4

MSDS available on request

ed.06

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