



# KREMER ZAND EN GRIND

## SPECIAAL ZAND EN GRIND

1. Unique identification					Quartz sand			
2. Name					Sand 1,25 - 2,0 In accordance with NEN-EN 12904:2005(E)			
2a. Commercial name					Dried and calibrated sand 1,25-2,0			
3. Application					Sand for treating water intended for human consumption.			
4. Name and contact address manufacturer					Kremer speciaal zand en grind Pieter de Keyserstraat 3 7825 VE Emmen			
5. Name and contact address representative					None			
6. System for assessment and verification of constancy of performance					Not applicable			
7. Activity of the reported certification body, as required by the harmonised standard					Not applicable			
8. European technical assessment					Not applicable			
9. Indicated performance								
Essential characteristics					Performance		European assessment dossier	
5.2 Category grain size gradation					limits (%)		NEN-EN 12904	
					3,15	mm		100
					2,5	mm		98-100
					2,24	mm		95-100
					2,0	mm		90-100
					1,8	mm		50-90
					1,6	mm		20-60
					1,4	mm		3-30
					1,25	mm		0-5
					1,0	mm		0-2
rest						0-1		
5.3	Particle density loose (NEN-EN12902)				1,6	ton/m³		
5.3	Particle density compacted (NEN-EN12902)				1,7	ton/m³		
Chemical composition % (XRF).								
	Comp	m %	Complies with		Comp	m %	Complies with	
A.2.1	SiO <sub>2</sub>	98.6	Type 1 (≥ 96)		Fe <sub>2</sub> O <sub>3</sub>	0.33	Type 1 (≤ 2)	
A.2.1	CaO	0.02	Type 1 (≤ 1.5)		K <sub>2</sub> O	0.48	Type 1 (≤ 2)	
A.2.1	Na <sub>2</sub> O	0.04	Type 1 (≤ 1.5)		Al <sub>2</sub> O <sub>3</sub>	0.46	Type 1 (≤ 3)	
	TiO <sub>2</sub>	0.04			MgO	0.04		
	P <sub>2</sub> O <sub>5</sub>	0.01			SO <sub>3</sub>	0.02		
	Acid soluble component				0.13	Type 1 (≤ 2)		
	Hardness		7 Mohs					
	Loss on ignition < 0.20 %							

10. The performances of the product described in points 1 and 2 are in accordance with the performance indicated in point 9. This declaration of performance is provided under the exclusive responsibility of the manufacturer listed in point 4.

The MSDS is available on the internet at <http://www.kremerzandengrind.nl>

Emmen, 20 March 2013

Signed:

**C.A. Kremer**  
Director