



# KREMER ZAND EN GRIND

## SPECIAAL ZAND EN GRIND

1. Unique identification					Quartz sand			
2. Name					Sand 0,4 - 0,8 In accordance with NEN-EN 12904:2005(E)			
2a. Commercial name					Dried and calibrated sand 0,4-0,8			
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	
					1,0	mm		100
					800	µm		95-100
					710	µm		70-95
					600	µm		25-75
					500	µm		5-50
					400	µm		0-5
					250	µm		0-1
					150	µm		0
5.3	Particle density loose (NEN-EN12902)				1690	kg/m³		
5.3	Particle density compacted (NEN-EN12902)				1760	kg/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)	NEN-EN 12904
	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, 25 August 2014

Signed:

**C.A. Kremer**  
Director