

Quartz sand / filter sand
Silicasand / silicagrind
 partial derived from NEN-EN 12904



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**12904**

- 4.1.1 Chemical names: Silica, silicon dioxide (SiO₂)
 4.1.2 Synonym or common names: Silica sand, Silica gravel, Silica grind, Filtersand, Quartz sand

5.1 Physical properties/ Appearance: The product is a grey/white or multi-coloured granular material. It consists of a Crystalstructure with soft till rough surfaces. The grid can be sharp-edged as well as round. The product is usually homogeneous and is visually free of strange materials. The moisture of the sand must be indicated as dry.

5.2 Particle size distribution

Size in mm		Allowed maximum fraction	
		undersize	oversize
Silica sand	0,1 - 0,3	5	5
	0,3 - 0,6		
	0,4 - 0,8		
	0,5 - 1,0		
	0,6 - 1,18		
	0,63 - 1,0		
	0,71 - 1,25		
silica grind	0,85 - 1,7	10	10
	1,0 - 1,6		
	1,0 - 2,0		
	1,18 - 2,8		
	1,6 - 2,5		
	2,0 - 3,15		
2,36 - 4,75			
3,15 - 5,6			
5,6 - 8,0			
6,7 - 13,2			
8,0 - 12,5			
12,5 - 16,0			
13,2 - 26,0			

- 5.3 Bulk density: The loose Bulk density is among 1400 – 1500 kg/m³
 - 6 Chemical properties: Quartz sand contains at least 95% SiO₂ and at most 2% Acid-soluble material.
 - 7 Test methodes derived from EN 12902

 - 8.1 Means of Delivery:
Quartz sand can be delivered in bulk, bigbags or poly-ethylene bags
Package is new and not used before.
 - 8.3 Quartz sand is not classified as dangerous goods according to transport of dangerous materials.
 - 8.5 Quartz sand can be stored for an unlimited period of time and shall be adequately protected from outside contamination.
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