

SILICA SAND FOR WATER FILTERS

Granulometry,, %	
Residue on the sieve of 2.0 mm	max. 2.0
Residue under sieve of 0.8 mm	max. 8.0
Main fraction /Σ 0.8+1.0+1.6/, %	> 80.0
Average grain size , (d50)	1.0 – 1.2
Variety coefficient, (K) (K = d60/d10)	1.50 – 1.8
Content of clay and clayey substance, %	
	max. 0.2
Typical Chemical Analysis, %	
SiO ₂	min. 98.50
AL ₂ O ₃	max. 0.40
Fe ₂ O ₃	max. 0.20
TiO ₂	max. 0.07
CaO+MgO	max. 0.20
K ₂ O+Na ₂ O	max. 0.12
Mineral composition, %	
quartz	98
other minerals	2
Bulk density, t/m³	1.45 – 1.5
Moisture, %	6