

DATA SHEET SILICA SAND

REFERENCE:

PQ1002

COMMERCIAL NAME:

SILICA SAND 1,0 - 2,0 mm - 25Kg pack



Silica sand is made up of more than 99% Silicon dioxide (SiO_2) and small amounts of other minerals, generally in the form of oxides.

It is used as a filter bed for water purification and purification, intervening in the retention of particles of very small sizes that are not separated by decantation.

The sand is classified by the size of its grains, both wet and dry, through sieving. Through various screens.

PHYSICAL-CHEMICAL CHARACTERISTICS OF SILICA SAND

CHEMICAL TEST		PHYSICAL FEATURES	
SiO_2	99,51%	Apparent density:	1,60 T/m ³
Al_2O_3	0,26%	Real density:	2,65 T/m ³
Fe_2O_3	0,05%	Resistance to ClH acid:	99,70
CaO	0,02%	Friability:	5,00
TiO_2	0,02%		
K_2O	0,04%		
Na_2O	0,01%		
P.P.C.	0,05%		

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TECHNICAL SPECIFICATIONS

MESH LIGHT	WEIGHT RETAINED	ACCUMULATED WEIGHT
2,36 mm	0,00%	0,00%
1,40 mm	0,51%	0,51%
1,00 mm	8,02%	8,53%
0,60 mm	56,97%	65,50%
0,50 mm	18,03%	83,53%
0,30 mm	12,48%	96,01%
0,15 mm	3,35%	99,36%
0,10 mm	0,52%	99,88%

BED-EXPANSION CHART

