

Beach Volleyball Sand
Crystal Quartz Sand: DVV-Beach 1

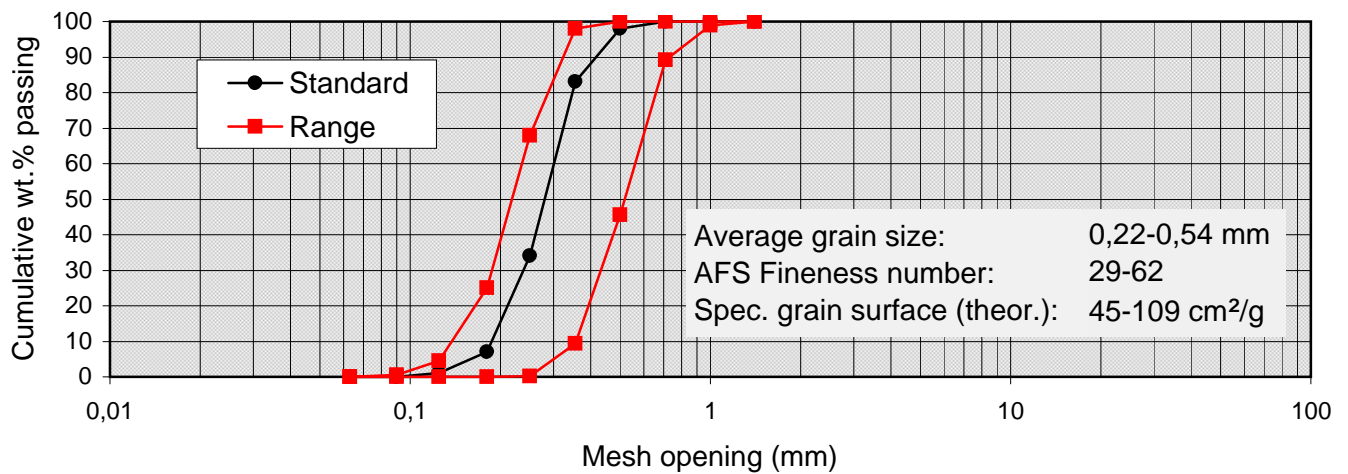
1. General characteristics

Beach Volleyball Sand from SCHLINGMEIER is multiple washed and hydroclassified. The sand is characterized by its extremely high chemical and mineralogical purity. After processing the sand is neutral in pH, free of organic contaminations, soluble salts and soilings.

2. Grain size distribution

Sieve mesh opening (mm) - Retainings (wt.%)

1	0,71	0,5	0,355	0,25	0,18	0,125	0,09	0,063	<0,063	mm
0-1	0-10	0-44	2-36	9-54	0-43	0-21	0-4	0-1	trace	wt.%



3. Chemical analysis according to DIN 51001 with RFA

SiO ₂	Al ₂ O ₃	K ₂ O	Na ₂ O	CaO	MgO	Fe ₂ O ₃	TiO ₂	L.o.I.	DIN 51001 (RFA)
99,6	0,09	0,02	<0,01	<0,02	<0,01	0,020	0,018	<0,1	wt.%

L.o.I. = Loss on ignition

4. Physical and physical-chemical characteristics

Density:	2,65 g/cm ³	Color:	white-beige
Bulk density:	1,4 - 1,5 t/m ³	Humidity (dump sand):	3 - 7 %
Grain shape:	rounded-off (subangular)	Humidity (fire-dried sand):	< 0,1 %
Hardness:	7 (Mohs)		