

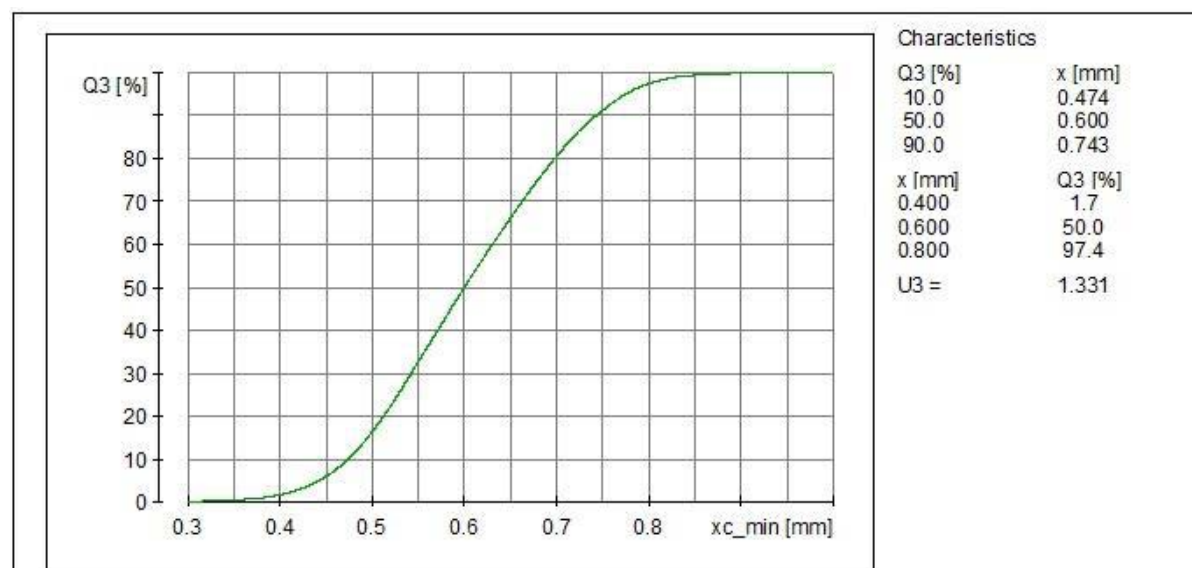
Features & Benefits

Calibrated sands and gravels are produced from high quality raw materials, carefully dried and screened. Extracted in our Dutch quarry in Selligen from geological formations formed in the Pleistocene. High silica content and hardness deliver wear resistance, with a low loss on ignition and uniformity coefficient, making silica sands ideal for a variety of applications.

Granulometric Data & Physical Characteristics

Sieve size (mm)	Typical in % through sieve
1,0 mm	100%
0,8 mm	97%
0,71 mm	85%
0,6 mm	50%
0,5 mm	15%
0,4 mm	2%
0,315 mm	0,3%
rest	traces

Specific gravity	2,65 g/cm ³
Particle density loose	1,5 g/cm ³
Particle density compacted	1,7 g/cm ³
Effective size (D10)	0,47 mm
Mean size (D50)	0,60 mm
Uniformity coefficient (Cu)	1,3
Structure	Closed
Soluble in acid	0,04%
Foreign matter	None
Hardness	7 Mohs



Chemical Analysis (XRF) %

Silicon	SiO ₂	99,1
Aluminium	Al ₂ O ₃	0,4
Potassium	K ₂ O	0,2
Iron	Fe ₂ O ₃	0,1
Sulfur	SO ₃	<0,02
Calcium	CaO	<0,02

Sodium	Na ₂ O	<0,02
Water	H ₂ O	<0,05
Magnesium	MgO	<0,02
Phosphorus	P ₂ O ₅	<0,02
Pfas		none
loss of ignition	550 °C	<0,2

For Product Information & Customer Service

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