Technical Data sheet

SILICA DS - Calibrated Sand 0,4 – 0,8 mm

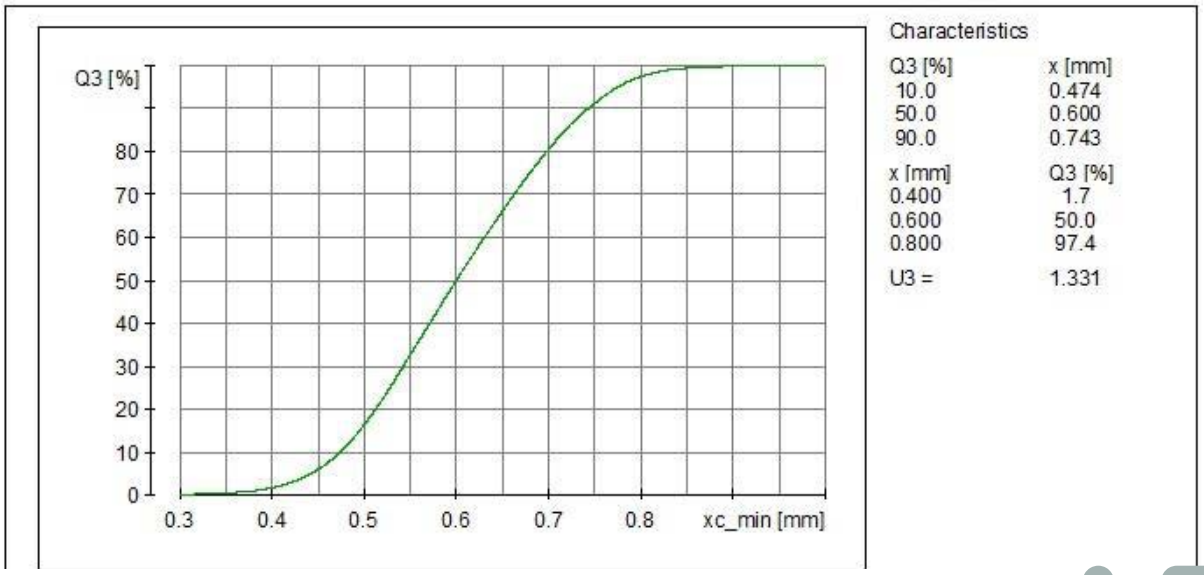
Features & Benefits

Calibrated sands and gravels are produced from high quality raw materials, carefully dried and screened. Extracted in our Dutch quarry in Sellingen 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/cm³
Particle density loose	1,5 g/cm³
Particle density compacted	1,7 g/cm³
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	SiO2	99,1
Aluminium	Al2O3	0,4
Potassium	K2O	0,2
Iron	Fe2O3	0,1
Sulfur	SO3	<0,02
Calcium	CaO	<0,02

Sodium	Na2O	<0,02
Water	H2O	<0,05
Magnesium	MgO	<0,02
Phosphorus	P2O5	<0,02
Pfas		none
loss of ignition	550 °C	<0,2

For Product Information & Customer Service

BUTA Curacao
Ajaxweg 15,
Willemstad, Curacao

Tel. +599 9 661 3806
E-mail: info@buta-curacao.com