

Rogue Quartz Powder QP

Revision 0
July 2016
by AW

Product description: Rogue Quartz Powder QP is produced from Quartzite from Silicon Ridge.
The millings process of QP ensures minimal contamination. QP can be used in a wide range of applications such as filler, ceramics and glazes.

Chemical analysis

	[wt%]
SiO ₂	99.4
Al ₂ O ₃	0.17
Fe ₂ O ₃	<0.005
Ti ₂ O	0.019
K ₂ O	0.02
Na ₂ O	<0.01
CaO	<0.01
MgO	<0.01

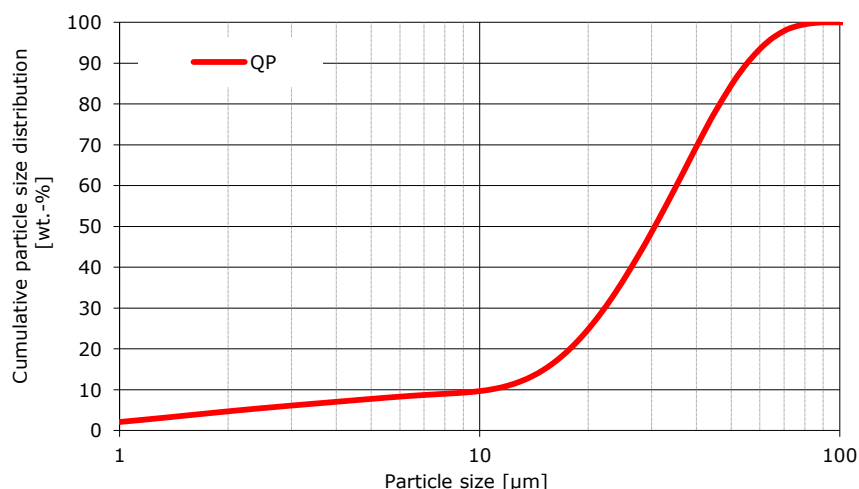
Loss on Ignition _{1025°C} 0.30

Physical Properties

Density	[t/m ³]	2.65	Moisture	[wt.-%]	<1
Bulk density	[t/m ³]	1.2	Surface area	[m ² /g]	0.4
Tapped density	[t/m ³]	1.6	pH	[-]	6.3
ISO brightness	[%]	80.8	Oil adsorption	[g/100g]	15
d ₅₀	[mm]	30.6			

Particle size distribution

Fraction	PSD
[μm]	[wt.-%]
< 100	100
< 90	100
< 71	98.2
< 63	95.2
< 40	69.6
< 20	24.8
< 10	9.6
< 6	8.3
< 2	4.7
< 1	2.1



Basis: Lab Product 7/2016

Please that this product is a natural product, processed from a bulk sample in pilot scale. Accordingly, all data and values shall be regarded merely as approximate values, which may include product-related tolerances. It is the customer's responsibility to check the suitability of the product with regard to the intended use; to request information regarding tolerances resulting from production and deposit conditions as well as options and experiences regarding the use of the product.