

Rogue Fine Quartz Powder FQP

Revision 0
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by AW

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

Chemical analysis

	[wt%]
SiO ₂	98.6
Al ₂ O ₃	0.76
Fe ₂ O ₃	0.011
Ti ₂ O	0.018
K ₂ O	0.03
Na ₂ O	<0.01
CaO	0.02
MgO	0.01

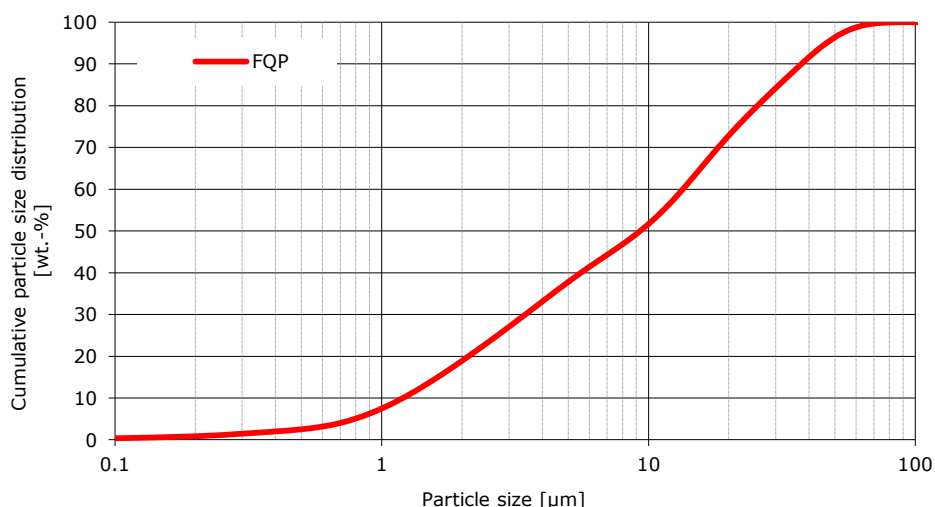
Loss on Ignition _{1025°C} 0.45

Physical Properties

Density	[t/m ³]	2.65	Moisture	[wt.-%]	<1
Bulk density	[t/m ³]	0.9	Surface area	[m ² /g]	1.6
Tapped density	[t/m ³]	1.3	pH	[-]	6.4
ISO brightness	[%]	84.0	Oil adsorption	[g/100g]	16
d ₅₀	[mm]	10.4			

Particle size distribution

Fraction	PSD
[μm]	[wt.-%]
< 100	100
< 90	100
< 71	99.7
< 63	99.1
< 40	91.6
< 20	72.8
< 10	51.6
< 6	41.4
< 2	18.9
< 1	7.5



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.