

Rogue Ultra Fine Quartz Powder UFQP

Revision 0
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by AW

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

Chemical analysis

	[wt%]
SiO ₂	98.4
Al ₂ O ₃	0.86
Fe ₂ O ₃	0.015
Ti ₂ O	0.017
K ₂ O	0.04
Na ₂ O	0.01
CaO	0.01
MgO	<0.01

Loss on Ignition _{1025°C} 0.55

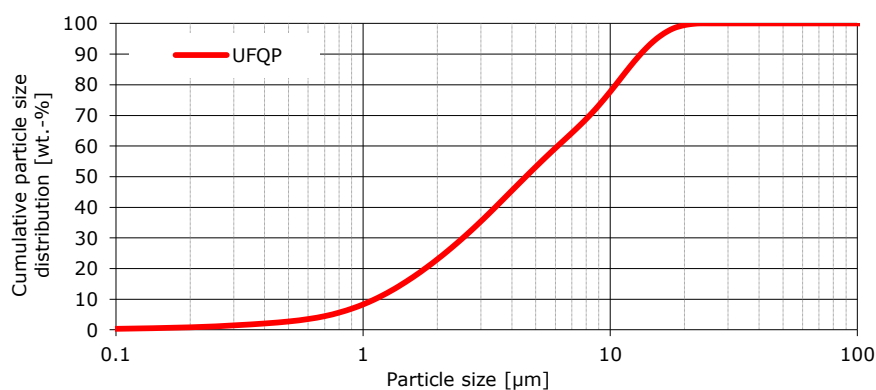
Physical Properties

Density	[t/m ³]	2.65	Moisture	[wt.-%]	<1
Bulk density	[t/m ³]	0.8	Surface area	[m ² /g]	1.7
Tapped density	[t/m ³]	1.1	pH	[-]	6.5
ISO brightness	[%]	83.6	Oil adsorption	[g/100g]	20
d ₅₀	[µm]	4.4			

Particle size distribution

Fraction	PSD
[µm]	[wt.-%]
< 40	100
< 20	99.5
< 10	77.7
< 6	59.3
< 2	23.0
< 1	8.3

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.