



LQS 85 Product Datasheet

Description

A high purity white Silica Sand produced by high intensity magnetic separation.

Chemical Composition

	<u>Typical Chemical Analysis</u> (on a sample dried at 105°C)	<u>Limits</u>
SiO ₂	99.7 %	99,5 % min
Al ₂ O ₃	0.10 %	0.20 % max
Fe ₂ O ₃	85 ppm	+/- 15 ppm
TiO ₂	0.02 %	
CaO	0.05 %	
MgO	0.05 %	
K ₂ O	0.05 %	
Na ₂ O	0.01 %	
Loss on ignition (1100° C)	0.20 %	0,30 % max
Moisture	4.5 % ± 1.0 %	

Particle Size (cumulative % retained on iso test sieves)

	<u>Typical</u> %	<u>Limits</u> %
+1.00 mm	0	0.1 max
+710 microns	0	0.5 max
+500 microns	0.4	2.0 max
+355 microns	4	
+250 microns	32	
+180 microns	84	80.0 min
+125 microns	98	96.0 min
+ 90 microns	99	
- 90 microns	1	