

# LQS120

## Product Datasheet

### **Description**

A high purity white Silica Sand produced at Lochaline Mine.

### **Chemical Composition**

	<u>Typical Chemical Analysis</u> (on a sample dried at 105°C)	<u>Limits</u>
SiO <sub>2</sub>	99.6 %	99.5 % min
Al <sub>2</sub> O <sub>3</sub>	0.10 %	0.20 % max
Fe <sub>2</sub> O <sub>3</sub>	100 ppm	120 ppm max
TiO <sub>2</sub>	0.02 %	
CaO	0.05 %	
MgO	0.05 %	
K <sub>2</sub> O	0.05 %	
Na <sub>2</sub> O	0.01 %	
Loss on ignition (1100° C)	0.10 %	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	1.0 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	

This product datasheet, based on product sampling, is for guideline purposes only and does not constitute a specification. LQS reserves the right to adjust limits in the light of changing production conditions.