



OMEGA FINE PRODUCTS (PTY) LTD

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**PRODUCT SPECIFICATION SHEET
CLEAR GLASS**

CHEMICAL ANALYSIS	TYPICAL %			
Silicon SiO ₂	73.50			
Alumina Al ₂ O ₃	0.43			
Iron Fe ₂ O ₃	0.140			
Titanium TiO ₂	0.026			
Calcium CaO	8.98			
Magnesium MgO	4.02			
Sodium Na ₂ O	12.50			
Potassium K ₂ O	0.13			
Manganese MnO	0.007			
L.O.I	0.34			
PHYSICAL PROPERTIES	TYPICAL			
Hardness mohs	5.50			
Specific Gravity	2.55			
Bulk Density (g/ml)	1.50			
Colour	Clear			
PARTICLE SIZING (RETAINED)	TYPICAL %			
SIEVE TEST	1.0 mm	1.6mm	3.2mm	4.8mm
4.75 mm	0.00	0.00	0.00	<4.00
3.2 mm	0.00	0.00	0.00	>75.00
2.0 mm	0.00	<4.00	<4.00	95.50
1.0 mm	<2.00	>75.00	75.00	100.00
0.71 mm	>75.00	95.00	95.00	
0.5 mm	99.90	100.00	100.00	

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