



Oriental Trexim Pvt. Ltd.

Building Future

ORISIL Microsilica® / Silica Fume

REFRACTORY GRADE

Grade 94 U

Analysis/Properties		Typical Value	
SiO ₂	Silicon Dioxide, Amorphous	min	94.0%
C	Carbon	max	0.12%
Fe ₂ O ₃	Iron Oxide	max	0.60%
Al ₂ O ₃	Aluminium Oxide	max	0.50%
CaO	Calcium Oxide	max	0.30%
MgO	Magnesium Oxide	max	0.55%
K ₂ O	Potassium Oxide	max	0.26%
Na ₂ O	Sodium Oxide	max	0.19%
H ₂ O	Moisture, as packed	max	0.60%
Loss on Ignition at 975 C		max	1.05%
Coarse Particles >45µm (325mesh)		max	0.40%
pH Value(fresh)		5.5-6.5	
Bulk Density(as packed)		250-350kg/m ³ D	

Mehods for Microsilica. The above ORISIL Microsilica specification refers to analysis performed using the ASTM Standard Test

ORISIL Microsilica® is a registered trademark and belongs to Oriental Trexim Pvt. Ltd

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