



## MML ANALYTICAL LABORATORY

NH-8, BYE PASS, AJMER ROAD, VILLAGE-RAMPURA MEWATION, BEAWER-305901,  
RAJASTHAN, INDIA

### CHEMICAL SPECIFICATIONS FOR QUARTZ POWDER AND GRITS

Oxides	QUARTZ		
	QZ - 01	QZ - 02	QZ - 03
	WHITE KNIGHT	GLASS KNIGHT	GENERAL QUARTZ
SiO <sub>2</sub>	> 99%	> 97%	> 93%
Al <sub>2</sub> O <sub>3</sub>	< 0.35%	< 1.50%	< 3.00%
Fe <sub>2</sub> O <sub>3</sub>	0.05%	0.10%	0.20%
Na <sub>2</sub> O	< 0.15%	< 0.50%	< 1.00%
K <sub>2</sub> O	< 0.15%	< 0.50%	< 1.00%
CaO	< 0.15%	< 0.20%	< 1.00%
MgO	< 0.10%	< 0.20%	< 0.50%
LOI	< 0.25%	< 1.00%	< 2.00%
TiO <sub>2</sub>	< 0.01%	< 0.10%	< 0.15%
Whiteness	> 87%	> 80%	> 75%
L-Value	93.00% +/- 2.00 %	87.00% +/- 2.00 %	82.00% +/- 2.00 %
A-Value	< 0.25%	< 0.50%	< 2.00%
B-Value	1.50% +/- 0.50 %	2.00% +/- 1.00 %	5.00% +/- 2.00 %

