



## G-50



### CHEMICAL PROPERTIES

SiO <sub>2</sub>	65.45%
Al <sub>2</sub> O <sub>3</sub>	0.26%
CaO	13.75%
Na <sub>2</sub> O	5.93%
C	0.12%
P <sub>2</sub> O <sub>5</sub>	0.60%
SO <sub>3</sub>	0.31%



### PHYSICAL PROPERTIES

True Density (g/cm <sup>3</sup> )	0.36 - 0.40
Thermal Conductivity	0.0521 w/mk at 20°C
Flotation (% by bulk volume)	92% - 96%
Oil Absorbtion	0.2 - 0.65 g oil/ cm <sup>3</sup>
Alkalinity	MAX 0.5 milliequivalents per gram

Nitrogen Isostatic Crush Strength	Test Pressure	Target Fractional	Min Fractional
	(MPa/Psi)	Survival	Survival
	38/5500	90%	80%



### SIEVE ANALYSIS (MICRON)

22 µm	40 µm	70 µm	Range
10%	50 %	90 %	2-100

Note : The above value may change as per raw materials procurement and figures do not show 100% accuracy.