



G-40



CHEMICAL PROPERTIES

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



PHYSICAL PROPERTIES

True Density (g/cm ³)	0.38 - 0.42
Thermal Conductivity	0.0521 w/mk at 20°C
Flotation (% by bulk volume)	92% - 96%
Oil Absorbtion	0.2 - 0.65 g oil/ cm ³
Alkalinity	MAX 0.5 milliequivalents per gram

Nitrogen Isostatic Crush Strength	Test Pressure	Target Fractional	Min Fractional
	(MPa/Psi)	Survival	Survival
	28/4000	90%	80%



SIEVE ANALYSIS (MICRON)

25 µm	50 µm	90 µm	48 µm
10%	50 %	90 %	d ₅₀

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