



PRODUCT DATA

NS-98

GROUND SILICA

PLANT: JACKSON, TENNESSEE

USA STD SIEVE SIZE		TYPICAL VALUES		
		% RETAINED		% PASSING
MESH	MILLIMETERS	INDIVIDUAL	CUMULATIVE	CUMULATIVE
140	0.106	0.2	0.2	99.8
200	0.075	0.3	0.5	99.5
325	0.045	2.7	3.2	96.8

TYPICAL PHYSICAL PROPERTIES

MINERAL QUARTZ	REFLECTANCE (%)..... 81.7
MELTING POINT (Degrees F) 3100	YELLOWNESS INDEX 9.3
pH..... 6.5	SPECIFIC GRAVITY 2.65

TYPICAL CHEMICAL ANALYSIS, %

Fe ₂ O ₃ (IRON OXIDE) 0.063	Na ₂ O (SODIUM OXIDE)..... <0.01
Al ₂ O ₃ (ALUMINUM OXIDE) 0.36	K ₂ O (POTASSIUM OXIDE)..... 0.02
TiO ₂ (TITANIUM DIOXIDE) 0.14	LOI (LOSS ON IGNITION)..... 0.2
CaO (CALCIUM OXIDE)..... 0.01	

May 23, 2008

DISCLAIMER: The information set forth in this Product Data Sheet represents typical properties of the product described; the information and the typical values are not specifications. U.S. Silica Company makes no representation or warranty concerning the Products, expressed or implied, by this Product Data Sheet.

WARNING: The product contains crystalline silica - quartz, which can cause silicosis (an occupational lung disease) and lung cancer. **For detailed information on the potential health effect of crystalline silica - quartz, see the U.S. Silica Company Material Safety Data Sheet.**