

WISCO INC.

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DATE: 1/20/2004
TIME: 11:00 AM

RAW MATERIAL DATA SHEET "GRADATION REPORT"

TEST MATERIAL: 12-20

INITIAL SAMPLE WT. (GRAMS) = 1000g

<u>SIEVE SCREEN SIZE</u>	<u>WT. (GRAMS) RETAINED</u>	<u>0% RETAINED</u>	<u>ACCUM. % RETAINED</u>	<u>0% PASSING</u>
#8	0	0	0.00	100.00
#12	0	0	0.00	100.00
#20	437.8	43.78	43.78	56.22
#30	399.4	39.94	83.72	16.28
#40	134.5	13.45	97.17	2.83
#50	14.3	1.43	98.60	1.40
#70	0.2	0.02	98.62	1.38
#100	TR	0	98.62	1.38
#200	0	0	98.62	1.38
PAN	0.1	0.01	98.63	1.37

% ERROR = +/- -1.37

THE SIEVE ANALYSIS FOR THE SILICA SAND WAS TESTED AT WISCO'S TESTING CENTER. TESTS WERE PERFORMED ON A STANDARD SET 12-20 GRIT SILICA SAND, TEST SIEVES WERE PROVIDED BY "U.S.A. STANDARD TESTING SIEVE"
*A.S.T.M. E - 11 SPECIFICATIONS.

TESTS PERFORMED BY: Lonnie

* ALL TESTS PERFORMED AND RECORDED QUARTERLY. ADDITIONAL REPORTS AND M.S.D.S. CAN BE OBTAINED AS PER REQUEST.