



SOLAR TESTING LABORATORIES, INC.

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NORLITE CORPORATION C330 EVALUATION

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Samples of Norlite were delivered to this laboratory for material analyses in accordance with Specifications ASTM C330, C331, and C332. The test results are as follows:

AGGREGATE ANALYSIS

Sieve Size	% Passing (Passing Specification)			
	3/4 Norlite	3/8 Norlite	Norlite Block Mix	Norlite Fines
1"	100.0 (100)	---	---	---
3/4"	100.0 (90-100)	---	---	---
1/2"	73.6	100.0 (100)	---	---
3/8"	20.3 (10-50)	96.6 (80-100)	100.0 (100)	100.0 (100)
#4	1.3 (0-15)	30.6 (5-40)	95.9 (85-100)	100.0 (85-100)
#8	1.1	7.5 (0-20)	80.7	79.1
#16	1.0	4.1 (0-10)	55.0 (40-80)	42.6 (40-80)
#30	0.9	3.0	39.0	20.8
#50	0.8	2.4	29.2 (10-35)	10.0 (10-35)
#100	0.7	1.9	21.5 (5-25)	5.8 (5-25)
#200	0.7 (0-10)	1.5 (0-10)	15.4	3.9

Fineness Modulus	7.00	5.54	2.79	3.42
Loose Unit Weight (Dry), pcf	37.30 (70 max)	43.60 (65 max)	49.20 (55 max)	45.80 (55 max)
Loose Unit Weight (Damp), pcf	37.90	46.90	59.60	56.60
Organic Impurities	Lighter than standard (Standard)	Lighter than standard (Standard)	---	---
% Loss, Sodium Sulfate Soundness (5 Cycles)	2.00	3.40	3.40	4.40
% Loss on Ignition (Dry Basis)	0.00 (5 max)	0.00 (5 max)	0.69 (5 max)	0.00 (5 max)
% Clay Lumps	0.20 (2 max)	0.40 (2 max)	0.00 (2 max)	0.00 (2 max)
Staining Index	20.00	0.00	0.00	0.00