

ASTM C1866 Testing of Pantheon™



Sample Type: Lot 005

Sample Date: 9/25/2020

Notes: Testing completed at CTL Group, Skokie, IL

Chemical Analysis	Results	ASTM Limits Class GS	ASTM Test Method
Silicon dioxide, min %	71.74%	60.0%	D4326
Aluminum oxide, max %	1.90%	5.0%	D4326
Calcium oxide, max %	10.24%	15.0%	D4326
Iron oxide, max %	0.58%	1.0%	D4326
Sulfur trioxide, max %	0.11%	1.0%	D4326
Total equivalent alkalies, max%	13.07%	15.0%	C311
Moisture content, max %	0.10%	0.5%	C311
Loss on ignition, max %	0.38%	0.5%	C311
Amorphous Content, min %	99.3%	95%	CSA A3004-A4
Physical Analysis			
Fineness, % retained on #325	3.4%	5.0%	C430
Strength Activity Index, min %			
7 day, % of control	86%	75%	C311
28 day, % of control	94%	85%	C311
Water requirement, % of control	98%	Report only	C311
Density	2.43 g/cm ³	Report Only	C604

KLaw Industries certifies that the test data listed herein was generated by applicable ASTM methods and meets the requirements of ASTM C1866 for Class GS Glass Pozzolans.

[KLaw Industries, LLC](#)
120 Hawley Street
Binghamton, NY 13901
P: 607.348.5351