

Results of Tests on brick Conducted in accordance with C67/C67M - 21 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

10/03/2022

Name:	The Belden Brick Company 700 West Tuscarawas Street Canton, OH 44702	Plant:	Canton
Phone:	330-456-0031	Sampled Date:	7/18/2022
Fax:	330-456-2694	Received Date:	7/18/2022
Report Number:	10960-27353	Fired Date:	
		Product Code:	
		Lot Number:	

Description: **PLT 3 SHALE & FIRECLAY W/ADDITIVE**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	4.3	5.6	4.4	4.4	4.7	4.7	7/26/2022
5 Hour Boiling Water (%)	8.4	9.4	8.4	8.3	8.6	8.6	
Saturation Coefficient	0.52	0.59	0.52	0.53	0.55	0.54	
Compressive Strength	1	2	3	4	5	Average	Test Date
psi	9,050	7,020	8,140	8,620	9,810	8,530	7/21/2022
IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	13.4	15.3	17.8	7.0	9.0	12.5	9/29/2022
Efflorescence	11	12	13	14	15		Test Date
Efflorescence Detection	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		7/29/2022
Breaking Load	1	2	3	4	5	Average	Test Date
lb/in	916	1,010	1,160	914	975	995	7/28/2022

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

C 216 - 22 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW


Katherine Hill, Quality Manager

**The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH
The results shown above apply only to the samples tested, which are provided by the customer.
This test report shall not be reproduced except in full, without written approval of the laboratory.*