

**Results of Tests conducted in accordance with ASTM C67-12 Standard Method for Sampling and Testing Brick and Structural Clay Tile and ASTM C279-12 Standard Specification for Chemical-Resistant Masonry Units**

4/22/2013

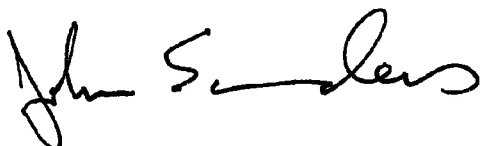
Name:	The Belden Brick Company 475 Dover Road, NW Sugar creek, OH 44681	Plant:	The Belden Brick Company
Phone:	(330)-852-2424	Report Number:	BBC-0257
Fax:	330-877-5464	Sampled Date:	3/18/2013
Sample Description:	<b>Pit 6, Shale Singles, Type III</b>	Lot:	
		Product Code:	

<b>Absorption</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	<b>Test Date</b>
<i>2 Hour Submersion in Boiling Water (%)</i>	0.32	0.28	0.35	0.34	0.35	0.33	3/22/2013
<b>Modulus of Rupture</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>Average</b>	<b>Test Date</b>
<i>psi</i>	4,295	2,798	2,486	2,730	1,679	2,798	3/20/2013
<i>MPa</i>	29.6	19.3	17.1	18.8	11.6	19.3	
<b>Chemical Resistance</b> (Sulfuric Acid Solubility Test)	<b>11</b>	<b>12</b>				<b>Average</b>	
<i>Maximum % Weight Loss</i>	2.6	3.0				2.8	4/22/2013

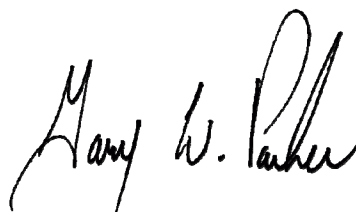
**The brick represented by the test results shown here comply with the standards listed below:**

ASTM C 279 - 12 Standard Specification for Chemical Resistant Masonry Units:

Type: I, II, III



John P. Sanders, Ph.D., P.E., Associate Director for Operations



Gary W. Parker, Laboratory Supervisor