



CLAYBURN INDUSTRIES LTD.

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TECHNICAL DATA - TYPICAL

ACID BRICK

KILGARD ACID

Classification	A Type H acid resistant refractory brick with high strength and excellent abrasion resistance	
Refractoriness P.C.E.	Cone 16-18	
Bulk Density	135-144 lbs/ft ³	(2.16-2.31 g/cm ³)
Cold Crushing Strength	10000-20000 lbs/in ²	(69-138 MPa)
Modulus of Rupture	2000-4000 lbs/in ²	(13.8-27.6 MPa)
Water Absorption	4.0-6.0%	
Acid Solubility (ASTM C279) % loss in sulfuric acid	8.0-11.0	

Chemical Analysis

Silica	SiO ₂	60-65%
Alumina	Al ₂ O ₃	22-26%

ASTM Designation C279 - Type H

MAY 93

**ALL DATA SUBJECT TO REASONABLE DEVIATION AND THEREFORE
SHOULD NOT BE USED FOR SPECIFICATION PURPOSES**