

PRODUCT  
**MARYLAND**

**MEDIUM DUTY FIRECLAY BRICK**

# REFRACTORIES

## TECHNICAL DATA

CLASSIFICATION

ASTM C-27 Medium Duty  
Alumina-Silica Fireclay Brick

P.C.E.

Cone 29 - 30

METHOD OF MANUFACTURE

Dry Press

CHEMICAL ANALYSIS (approximate)

Silica	[SiO <sub>2</sub> ]	59.5%
Alumina	[Al <sub>2</sub> O <sub>3</sub> ]	34.1%
Ferric Oxide	[Fe <sub>2</sub> O <sub>3</sub> ]	2.1%
Titania	[TiO <sub>2</sub> ]	1.8%
Alkalies	[Na <sub>2</sub> O + K <sub>2</sub> O]	1.9%

MODULUS OF RUPTURE

700 - 1000 psi

APPARENT POROSITY

14% - 16%

BULK DENSITY

129 lbs./cu.ft.

NOTE: All data subject to reasonable deviation and should not be used for specification purposes.

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