



ABLE SUPER PLASTIC

ABLE SUPER Plastic is A HEAT SET, super Duty Refractory for use in zones of high temperature (Fusion Point 3200 deg.F). Mix is spall resistant, volume stable, and has good Load-Bearing strengths.

Maximum Recommended Use Limit 3000°F
 Melting Point 3200°F

| <u>TEST TEMPERATURE</u> | <u>MODULUS OF RUPTURE, PSI</u> | <u>LINEAR CHANGE %</u> |
|-------------------------|--------------------------------|------------------------|
| 200°F | 130-1450 | -0.5 |
| 1000°F | 200-220 | -0.4 |
| 1500°F | 230-253 | -0.2 |
| 1750°F | 350-400 | -0.1 |
| 2000°F | 425-462 | 0.0 |
| 2550°F | 550-650 | +0.1 |
| 2732°F | 700-750 | +0.4 |
| 2910°F | 850-900 | +0.6 |

CHEMICAL ANALYSIS

| | |
|-----------------|-------------|
| Alumina | 44.3 |
| Silica | 50.43 |
| Ferric Oxide | 1.13 |
| Titanium Oxide | 1.63 |
| Calcium Oxide | 0.18 |
| Magnesium Oxide | 0.12 |
| Alkalies | 0.31 |
| Ign. Loss | 2.28 |

Material Required per Cubic Foot145 - 150 Lbs.

Packaged in 100 Lb. Poly-Lined Cartons, 36 Cartons per Pallet (3600 Lbs.)