



# PRODUCT SHOWCASE

## Highly Durable Refractory Solutions with Quality Results

### EXCELLENT THERMAL CYCLING RESISTANCE WITH GREAT PUMPING PROPERTIES

**Product:** Plicast HyMOR 3100 Special KK

**Service Temperature Limit:** 3100°F

**Shelf Life:** 6 months

**Product #:** 2428

**Installation Method:** Casting or Pumping

**Industries:** Aluminum/Non Ferrous, Steel, Power Generation, Mineral Processing, Refining, Off Gas

**Best Applications:** Moderate to high temperature applications in industrial processes. Applications span most thermal processing industries and include:

1. Kiln and furnace linings – including walls, hearths, roofs, lintels
2. Incinerators and thermal oxidizers
3. Precast shapes – burner cones, piers
4. Boilers
5. Pulp and paper process units
6. Petro-chemical process vessels

**Product Information:** Plicast® HyMOR® 3100 Special KK is considered by many refractory experts to be the “go to” castable workhorse. Based on a mullite aggregate, its versatility and physical characteristics make it highly suitable for a wide variety of applications. Well balanced, the product has exceptional all-around physical characteristics:

- Moderate density and low porosity
- High cold and hot strength
- Low abrasion loss
- High fracture and crack resistance
- Very good hot load and creep resistance
- Moderate coefficient of thermal expansion
- Good resistance to thermal cycling
- Good alkali and slag resistance

Plicast HyMOR 3100 Special KK has excellent flow and setting characteristics allowing it to be placed by vibration, casting or pumping.

**Available Internationally As:** Plico® Castable LC 3100 Special KK

[Technical Data Sheet](#)

[Safety Data Sheet](#)

**Plibrico Company**  
1935 Techny Road - Unit 16  
Northbrook, IL 60062

phone: 312-337-9000  
email: [contact@plibrico.com](mailto:contact@plibrico.com)

[www.plibrico.com](http://www.plibrico.com)



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