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**PLASTICS**

(Visit [www.hwr.com](http://www.hwr.com) for detailed technical data)

## WHAT IS PLASTECH™?

**PLASTECH™** is Harbison-Walker's new generation of phos- bonded plastics. This product is designed to be more pliable, and have a much longer shelf life than traditional phos-bonded plastics. At the same time, **PLASTECH™** maintains the outstanding physical properties of its older products, GREENPAK, CORAL®, NARPHOS and H-W® BULL RAM.

## WHAT MAKES IT SPECIAL?

Conventional phos-bonded plastics start aging as soon as they are made. This aging is the reaction of the acid with the free alumina in the product. To adjust for this aging, manufacturers of conventional phos-bonded plastic make it much softer than it is intended for final use. The hope is that by the time you use the product it will have aged to the proper consistency. Clearly this can cause problems if the material is too fresh or too old. **PLASTECH™** uses a special bond package that regulates the reaction of the Phos-Acid with the alumina until you reach dry- out temperatures. This means the product will have a consistent plasticity throughout its shelf life.

## WHAT ELSE?

### **PLASTECH™**

Products come in three workability ratings, Soft, Standard and Firm. Unlike past products that relied on workability values that were confusing to customers the new products are simple and direct. Standard is ideal for most applications. Firm is intended for those applications where a firm plastic is preferred, such as overhead installation. Soft is ideal for hand packing or when small space packing is required. No surprises each product is engineered so you will find Standard, Firm and Soft will feel the same regardless of the brand. Three flavors make the selection easy and keeps the installation moving at peak efficiency.



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## PLASTECH™ PRODUCTS

### PLASTECH™ 50P

Is a 2900°F plastic with outstanding strength. Due to the low density (155 PCF) this product also offers an economical price per cubic foot.

### PLASTECH™ 70P

Is a 3100°F plastic with exceptional volume stability and thermal shock resistance. A true mullite based product.

### PLASTECH™ 85P

The work horse product, 85% alumina, 3100°F service limit and 5.5 cc abrasion loss.

### PLASTECH™ 90P

A high purity alumina for the most demanding applications.