



### Chemical Composition

Carbon	49%
Oxygen	29%
Silicon	10.4%
Hydrogen	9%
Aluminum	1% (less than)
Calcium	1% (less than)
Trace Elements	.5% (less than)

All fillers and fibers are encapsulated with resin.

### Advantages

- Contains no petroleum distillates.
- Resists temperatures of 2975°F.
- Does not bake on to equipment.
- Conforms to rough or misaligned components.
- Nontoxic formula.
- Eliminates air aspiration.
- Expands into a joint under heat service.
- Will resist and dam molten steel, cast iron, stainless steel, babbitt.
- Resists vibration and thermal cycling.
- Impervious to most industrial solvents, gases, acids.
- Resists high pressures.
- Easy cleanup after casting.

### Storage

Cool, dry area

### Tolerances for Gaskets (die formed)

+/- 1mm

### Density

S.G.=1.555

### Packaging

5-lb spools, 3-ft lengths

### Shelf Life

Six months.

### Description

High-temperature gasket and rope sealant used in continuous casting operations for Dummy Bar and Ingot Mold Sealing

### Chemical Makeup

MP-3000 is a makeup of a high-temperature plastic resin binder system. High-temperature ceramic fibers and fillers are added to give the material its maximum density.