

# Injection Molded Minnesota Letters®



**The Process:** Injection Molding starts with **creating precision-made tools** that are produced in our own tool shop. Once complete, the tool can be loaded into an injection molding hydraulic press. Granular plastic is heated and forced through a heated cylinder, then injected into the closed mold, and parts are produced. Gemini's Minnesota Letters and Channel Letters are injection molded. Each is designed for a different look and sign type.

**The Material:** All injection molded Minnesota Letters are made with Cellulose Acetate Butyrate (CAB); which gives you a distinct advantage over many other materials. Gemini only uses CAB for its injection molded letters to provide you the ultimate in impact resistance, weatherability, and colorfastness. Unlike oil-based acrylics, CAB is a wood- and cotton-based plastic that allows Gemini to offer a Lifetime Guarantee on all letters against chipping, cracking or fading.

CAB is a flexible, yet strong material that is perfect for the injection molding process, providing a letter face that is free of imperfections, and letter returns that are crisp and clean.

A stocking inventory of pigmented white and black Injection Molded Minnesota Letters is maintained to provide fast delivery service to our customers. All other colors are painted per order and baked with the proper enamel coating.

## Advantages of Injection Molded Plastic Letters

### Quick Delivery

- 1 Day White or Black
- 2 Days Any Painted Color

### Economy

- Same basic cost as formed letters
- Added depth & dimension over cut letters
- Recyclable plastic

### Ease of Installation

- Lightweight despite added dimension
- Can be installed on glass without drilling
- Many installation methods available

### Outstanding Appearance

- 45 standard colors
- Sharp clean lines & crisp returns
- Excellent for Backlighting with LEDs
- Many Excellent Metallic Finishes
- Same great look in small or large sizes

### Durability

- Impact Resistant
- Fade Proof
- **Guaranteed for Life**