

Part I – General

1.1 Scope

A. Furnish trim material for use in the sign-making industry. GemTrim™ material is made from Cellulose Acetate Butyrate (CAB), extruded around aluminum foil. Available 3/4", 1", or 2" wide, stocking rolls lengths, multiple standard colors, as stocked by distributors.

1.2 Quality Assurance

- A. Manufacturer to have a minimum of 20 years experience in manufacturing trim.
- B. All GemTrim to be manufactured by one manufacturer.
- C. GemTrim to be laser marked with UR marking showing certification as a recognized component for UL & CSA Signs.

Part II – Products

2.1 Acceptable Manufacturer or Manufacturer's Stocking Representative

A. Gemini Incorporated
103 Mensing Way
Cannon Falls, MN 55009
Phone: 800-538-8377 or 507-263-3957
Fax: 800-421-1256 or 507-263-4887
Email: sales@geminisignproducts.com
Web: www.geminisignproducts.com

2.2 Materials (Wood and cotton-based CAB plastic)

- A. Cellulose Acetate Butyrate (CAB) with an aluminum foil core. Profile Extruded.
- C. Material tested to J2527, based on test parameters of SAE J1960 for UV exposure resistance.
 - 1. Specific heat of about 0.35. Specific Gravity 1.16-1.21
 - 2. Heat Combustion of approximately 10,400 BTU per pound (2.42 x 10⁷ J/Kg).
 - 3. Self Ignition temperature of 880° F (470°C), using ASTM D 1929.
 - 4. UL94 Flame Class: 94HB. Flame Spread Index: 130 (NFPA 286: Group B: Flame Spread: 26-75)
 - 5. Burn rate of .08/min.
 - 6. Smoke Develop. Index: 416

2.3 General Construction

- A. Profile extruded in multiple standard stocking colors, or custom color matched for national programs.
- B. Standard stocked GemTrim sizes: ¾", 1" or 2" wide. ¾"x200', 1"x150', 2"x100'.

Part III – Execution

3.1 Warranty

- A. GemTrim should be guaranteed for the life of the business against defects.

3.2 Installation

- A. GemTrim is best bonded to Acrylic faces with WELD-ON #4, then secured with WELD-ON #16 or bonded to LEXAN with WELD-ON #16 and then WELD-ON #40 to seal the part.

3.3 Maintenance

- A. Cleaning as needed per manufacturer recommendations.