GemTrim™ Specifications

Rev. 3/18/19

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.
B. 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).
   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.