



**elemelt®**

## TECHNICAL DATA

### Elemelt HM302

#### **INTRODUCTION**

A clear, versatile thermoplastic hot melt designed for plastic bonding. This product has good adhesion to polypropylene, glass and polyester filter media as well as polystyrene, and polycarbonate.

#### **PHYSICAL PROPERTIES**

Type	Hot Melt Adhesive
Appearance	Clear Solid
Solids	100%
Softening Point, R & B	186°F
Application Temperature	325-350°F
Viscosity	2600 cps @ 350°F Store
Storage Stability	in a cool, dry place 1
Shelf-Life	24 months
Mechanical Stability	Good
Programmed Oven Peel, 50	110°F
grams Oven Shear, 175 g	160°F
Open Time, 1/8" Bead @ 350 °F	40 sec
Pot Life	
Oxidation Point	24 hours
Auto Ignition Point	450°F
Tensile Strength	630°F
Shear	220psi
Elongation	290psi
Density, g/cc	90%
	0.96

#### **SUGGESTED USES:**

Assembly of filters and end caps. Coating, sealing or potting of electrical components.

**F.D.A.** All components of this product conform to the following F.D.A. regulations subject to the extraction

limitations thereof:

C.F.R., Title 21, Section

175.105 Adhesives

175.300\* Component of can-end cement formulations  
(b)(3)(xxx1)

175.320\* Resinous & Polymeric Coatings for Polyolefin Films

176.170\* Components of Paper & Paperboard in Contact with Aqueous & Fatty Foods

176.180 Components of Paper & Paperboard in Contact with Dry Food

\* It is the responsibility of the user to ensure that the composition containing our product complies with relevant regulations.