



TECHNICAL DATA

Elemelt HM302

elemelt®

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	year
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	24 hours
Oxidation Point	450°F
Auto Ignition Point	630°F
Tensile Strength	220psi
Shear	290psi
Elongation	90%
Density, g/cc	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.