chanhvinh.com

W129 N10825 Washington Drive
Germantown, WI 53022
Ph: 262-253-8600
www.ellsworth.com

Specification Sheet
HMS707

Type:	Hot Melt Glue - Ethylene Vinyl Acetate	
Solids:	100%	
Viscosity [1]:	@ 250° (F) (cps)	29,200
	@ 325° (F) (cps)	6,625
	@ 375° (F) (cps)	3,125
SAFT [2]:	164° (F)	
PAFT [3]:	136° (F)	
Open Time [4]:	30 seconds	
Mettler Softening Point [5]:	178° (F)	
Color:	Clear	
Odor:	Slight	
Shelf Life:	Indefinite	
Flash Point:	Above 450° (F)	

FDA Status: Compositional compliance with FDA Regulation #21CFR175.105 for food packaging.

Storage: Common Storage

Application Temperature: 380° (F)

Suggested Uses: High strength adhesive which has long open time and good delivery rate. Good adhesion to metals, plastics, ceramics and other non-porous substrates. Exhibits good resistance to shock at both low and ambient temperatures.

Precautions: Do Not Mix with other adhesives
Severe burns will result if contact is made in molten state.
Material safety data sheets provide safety precautions that should be observed in handling and storing.

The buyer should conduct its own tests of this product before use to determine proper preparation technique and suitability for proposed application. Manufacturer warrants that the product conforms with written specifications, and is free from defects. Manufacturer disclaims all other warranties, expressed or implied, including the warranties of merchantability and fitness for a particular purpose. The buyer's sole remedy for non compliance with this warranty shall be for the replacement of the product or refund of the buyer's purchase price.

---

[1] Brookfield Viscosity – ASTM D3236 using spindle SC4-27

[2] Shear Adhesion Failure Temperature (SAFT) – ASTM D4498 – using 45# Kraft paper substrates, 500 g. weights

[3] Peel Adhesion Failure Temperature (PAFT) – ASTM D4498 (modified for peel mode) – using 45# Kraft paper substrates, 100 g. weights

[4] Open Time – ASTM D4497-94 (1999) – using 45# Kraft paper substrates

[5] Mettler Softening Point – ASTM D6493-99