

TECHNICAL DATA SHEET

PRODUCT # HM-0109-BK

Type:	Hot Melt Glue – Ethylene Vinyl Acetate	
Solids:	100%	
Viscosity:	@250° (F) (cps)	29,200
	@325° (F) (cps)	6,625
	@375° (F) (cps)	3,125
SAFT:	164° (F)	
PAFT:	136° (F)	
Open Time:	30 Seconds	
Mettler Softening Point:	178° (F)	
Color:	Black	
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.	

Brookfield Viscosity – ASTM D3236 using spindle SC4-27

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

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

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

Mettler Softening Point – ASTM D6493-99

The buyer should conduct its own tests of this product before use to determine proper preparation technique and suitability for proposed application. American Chemical, Inc. warrants that the product conforms with American Chemical, Inc. written specifications, and is free from defects. American Chemical, Inc. 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.