

#### TECHNICAL DATA SHEET



# DynaHM 6083

## GPP Hot Melt Adhesive

DynaHM 6083 is a high performance, general purpose permanent (GPP) hot melt pressure sensitive adhesive. It has been formulated to provide aggressive quick grab and excellent adhesion to a variety of substrates including PET, LDPE, HDPE, PP and corrugated. This adhesive's superior tack, peel and shear make it ideal for use as a GPP hot melt PSA. It can also be considered for laminating applications. In addition, its low T<sub>g</sub> allows it to be used in dairy and deli label applications. It has been specifically designed for high speed label converting.

FDA Status: DynaHM 6083 complies with 21CFR 175.105, indirect food contact.

Typical Properties	
Facestock	2 mil clear PET
Coat Weight	18 gsm
Min. Application Temp.	0° F
Service Temp. Range	-10° F to 155° F
Shear (1)	500 hours
R&B Softening Point	188° F
Density	8.0 lb/gal
Total Solids	100%

Application Guide	
Color	Amber
Type	Thermoplastic Resin
Coating Temp.	320° F to 350° F
Applicator	Slot die, nip roller
Packaging	Steel or fiber drums
Machine	Extruder or reservoir pump

180° Peel and Loop Tack		
Substrate	15 Minute Peel* (2)	Loop Tack* (3)
Stainless Steel	7.0	6.8
Corrugated	ST	ST
Glass	6.8	5.6
LDPE	5.8	4.4
HDPE	5.4	3.4
PP	5.5	3.8
* Pounds	ST – substrate tear	ST – substrate tear

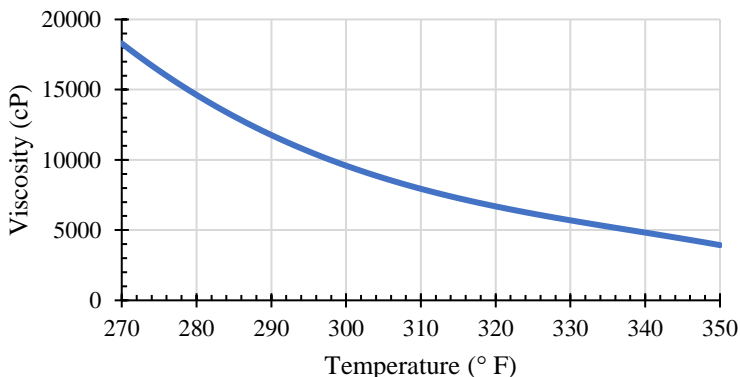
Samples were prepared by direct coating @ 320° F and allowed to cool to 73° F prior to testing

- (1) PSTC-107; 1" X 1" X 1000 grams
- (2) PSTC-101
- (3) TLMI Loop Tack, 1 in<sup>2</sup> contact area, 12 ipm separation

Handling & Storage
Under normal conditions, product is stable for 12 months in an unopened container. Store drums in dry areas and keep them tightly covered to prevent contamination. Do not mix with any other products.

Safety Precautions
Consult Material Safety Data Sheet for hazardous ingredients, disposal methods and related handling information. Use product with adequate ventilation and avoid breathing vapors. Take precautions against skin contact with the molten adhesive to prevent serious burns.

### Molten Viscosity Curve



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