



HP008

HP008 is single component hot melt adhesive that cross-links through a chemical reaction with moisture found in the atmosphere and substrates to form a set adhesive. HP008 is a high performance, high green strength grade reactive hot melt with superior adhesion to a variety of substrates. It can be applied using roll coaters, as well as hot melt adhesive guns. It is particularly suited for bonding EPS, PU foam, aluminum, steel, various plastics (PVC, ABS, and SMC), and rubber.

Technology / Base	Hot Melt Moisture Cure
Type of Product	Modified Resin
Components	One component
Curing	Moisture cure
Appearance / Color	Off White
Consistency	Viscous Liquid (Solid at Room Temperature)

Features and Benefits

- High green strength
- Good heat resistance
- High adhesion on a variety of substrates
- High toughness
- 100% solid

Technical Data

Property	Value	Condition/Method
Rheology		
Viscosity	8,000 to 11,000 cPs	at 250 °F
Application Temperature	300 to 350 °F	
Material Properties		unopen original container
Shelf Life at 25°C	3 months	
Roll Coater Open Time	45 to 60 sec*	
Solids Content	100%	
Green Strength Build	>50 psi at 30 sec	
Tensile Strength	2,500 psi	
Elongation to Break	250%	
2% Secant Modulus	2,000 psi	

*The roll coating open time was determined using controlled environmental and substrate conditions of 70-75°F. Variations are probable when the environmental and substrate conditions are outside of this controlled range.



Application Instructions

The bonding should occur immediately after the application. Initial adhesion and strength build of HP008 is excellent and the bonded materials can be used for further processing shortly after leaving the assembly area.

Processing temperatures:
 Roll coater 245-255°F (118-124°C)
 Hot melt gun 245-255°F (118-124°C)

To clean, first remove as much molten material as possible from the line or coater. Then flush or clean the unit with the proper purge or a product that is recommended by the equipment manufacturer. Cleaner is available in the form of Ever-Lock® 2U233 purge for hot melt guns and nozzles and Ever-Lock® 2U373 for roll coater applications.

Storage Conditions

In original sealed packaging protected from sun, dust, moisture and high temperatures. Store under clean and dry conditions at constant room temperature.

Safety and Disposal

Please refer to the SDS for product safety and disposal instructions. To cure any residual adhesive, loosen the lid of the container to allow the adhesive to cure over time.

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