ThermoGrip® H1238
HOT MELT ADHESIVE

KEY FEATURES
- Freezer grade medium set hot melt.
- Good adhesion to difficult substrates.
- Suitable for blast freezers.

PRODUCT
H1238 is a freezer grade packaging hot melt adhesive.

DESCRIPTION
With high hot tack, H1238 offers superior adhesion to uncoated and some coated stocks. H1238 balances open time and set speed to provide optimal performance in freezer applications including blast freezers.

BASIC USES
H1238 is specifically designed for use in cold packaging applications including blast freezers.

PACKAGING
Available in 35lb boxes or bulk.

FDA 21 CFR Numbers
175.105. We do not knowingly add any substances derived from animal sources to this product.

SHELF LIFE
Can be stored 730 days in a clean dry place, in its original package at an average temperature of 77°F (25°C) or below. Storage temperature should not exceed 104°F (40°C).

CLEAN-UP PROCEDURE
Mineral oil or paraffin wax, not to exceed flash point as stated on the SDS, followed by a thorough purge with the adhesive itself.

HEALTH AND SAFETY PRECAUTIONS
The Safety Data Sheet should be consulted for proper handling, clean up, and spill containment before use. Keep containers covered to minimize contamination. For FDA regulations and additional clearances, please contact the Regulatory Affairs Department.

TYPICAL PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermosel Viscosity</td>
<td>1950 cPs @ 300°F (149°C)</td>
</tr>
<tr>
<td>(Brookfield ASTM D3236)</td>
<td>1350 cPs @ 325°F (163°C)</td>
</tr>
<tr>
<td></td>
<td>950 cPs @ 350°F (177°C)</td>
</tr>
<tr>
<td>Density</td>
<td>0.96 g/cc @ 77°F</td>
</tr>
<tr>
<td>Softening Point</td>
<td>163°F (73°C)</td>
</tr>
<tr>
<td>(Herzog ASTM E28)</td>
<td></td>
</tr>
<tr>
<td>Suggested Running Temperature</td>
<td>325-350°F (163-177°C)</td>
</tr>
</tbody>
</table>

VISCOSITY CURVE

![Viscosity Curve Graph]
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