



# TECHNICAL DATA SHEET

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## Kimbond 2281 Packaging Hot Melt Adhesive

### Product Description

**Kimbond 2281** is a light yellow colored; fast setting EVA based hot melt adhesive. It's recommended for general purpose case and carton sealing with medium speed packaging lines. Kimbond 2281 eliminates char, smoke and adhesive odor which helps you reduce maintenance costs and create a more operator friendly environment.

### General Properties

Type	• Packaging hot melt adhesive
Appearance	• Light yellow
Forms	• Pellets
Features	<ul style="list-style-type: none"> <li>• Aggressive bonding</li> <li>• Excellent hot tack</li> <li>• High flexibility</li> <li>• Very high heat stability</li> <li>• Short open time</li> <li>• Fast setting speed</li> </ul>
Uses	• Case and carton sealing, nonwovens
Odor	• Slight resinous molten
Packaging	• 25 Kg Bag

Physical Properties	Nominal Value Unit	Test Method
Viscosity @ 180 °C	1400-1700 cP	ASTM D3236
Ring & Ball Softening Point	100-110 °C	ASTM E28
Open Time @ 174 °C	6-9 sec	ASTM D4497
Specific Gravity	1.02±0.02 gr/cm <sup>3</sup>	ASTM D792
Heat Stability	good	ASTM D4499
Setting Time	≤3 sec	-

### Storage and Handling

**Kimbond 2281** should be stored in a cool dry place between 5-30°C, away from sources of heat and direct sunlight. Keep product and hot melt units covered to avoid contamination. It must be stored away from any solvents or chemicals. Do not mix with other adhesives.

### Safety and Health

**Kimbond 2281** is solid at room temperature, so it's not dangerous for handling at these conditions. When it's molten, for protection from burns, wear gloves and a long sleeved shirt during operation. For eyes protection, wear safety goggles. If the burns were occurred, first flush the affected area with large amount of cold water, do not remove adhesive, and then seek for medication immediately.

### Shelf life

Best used within 24 months from date of manufacture when stored under the above conditions.

### Operating Conditions

The recommended running temperature range is 150-180 °C (300-360°F). Kimbond 2281 can be applied by using of nozzles, wheels or reservoir pumps. The cleaning up methods are using of heat, scraper, mineral oil or paraffin.

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