



# TECHNICAL DATA SHEET

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## Kimbond 2525

### Pressure Sensitive Hot Melt Adhesive

#### Product Description

**Kimbond 2525** is a light yellow colored, high performance, pressure sensitive hot melt adhesive. It's especially recommended for manufacturing of self-adhesive insulating films in automotive industries. It has the high melting point.

#### General Properties

Type	• Pressure sensitive hot melt adhesive
Appearance	• Light yellow
Forms	• Cake wrapped with EVA film or silicone paper (200-500g)
Features	<ul style="list-style-type: none"> <li>• Very high tack</li> <li>• Excellent peel adhesion</li> <li>• Excellent flexibility and outstanding machining properties</li> <li>• Quickly wetting out the substrate under very light pressure</li> </ul> <ul style="list-style-type: none"> <li>• Very high adhesion and cohesion</li> <li>• Great wing-up resistance</li> </ul> <ul style="list-style-type: none"> <li>• Very high heat stability</li> <li>• Very high viscosity</li> </ul>
Uses	• Self-adhesive insulating films in automotive industries
Odor	• Slight resinous molten
Packaging	• 10 Kg Carton Box

Physical Properties	Nominal Value Unit	Test Method
Viscosity @ 180 °C	15,000-25,000 cP	ASTM D3236
Ring & Ball Softening Point	95-105 °C	ASTM E28
Rolling Ball Tack (RBT)	10-20 mm	ASTM D3121
Specific Gravity	0.8±0.05 gr/cm <sup>3</sup>	ASTM D792
180° Peel Adhesion (for 15-20 gr/m <sup>2</sup> )	50-60 N/Inch	ASTM D3330
Heat Stability	Very high	ASTM D4499

#### Storage and Handling

**Kimbond 2525** 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 2525** 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 glasses. 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 160-190 °C (320-370°F). Kimbond 2525 can be applied by using of roll coating and slot-die coating. The cleaning up methods is using of heat, solvent, mineral oil or paraffin.

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