



TECHNICAL DATA SHEET

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Kimbond 2517

Pressure Sensitive Hot Melt Adhesive

Product Description

Kimbond 2517 is a light yellow colored, labeling, and high performance pressure sensitive hot melt adhesive. It's especially recommended for general purpose permanent label applications. It's used for pressure sensitive coating of paper, metal paper, cast-coated glossy paper, thermal paper, as well as, fabrics and foils. Kimbond 2517 is also suitable for self-adhesive foam tapes and other applications requiring a very aggressive adhesive.

General Properties

Type	• Pressure sensitive hot melt adhesive
Appearance	• Light yellow
Forms	• Cake wrapped with EVA film (200-500g)
Features	<ul style="list-style-type: none"> • Very aggressive tack • Excellent peel adhesion • Excellent flexibility and outstanding machining properties • Quickly wetting out the substrate under very light pressure • Excellent adhesion and cohesion • Very high shear resistance • Very high heat stability • Excellent wing-up resistance
Uses	<ul style="list-style-type: none"> • Different types of permanent labels • Self-adhesive foam tapes
Odor	• Slight resinous molten
Packaging	• 10 Kg Carton Box

Physical Properties	Nominal Value Unit	Test Method
Viscosity @ 180 °C	3000-6000 cP	ASTM D3236
Ring & Ball Softening Point	85-95 °C	ASTM E28
Rolling Ball Tack (RBT)	5-15 mm	ASTM D3121
Specific Gravity	0.8±0.05 gr/cm ³	ASTM D792
180° Peel Adhesion (for 15-20 gr/m ²)	40-50 N/Inch	ASTM D3330
Heat Stability	Very high	ASTM D4499

Storage and Handling

Kimbond 2517 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 2517 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 160-180 °C (320-360°F). Kimbond 2517 can be applied by using of roll coating, slot-die coating and swirl spraying. The cleaning up methods is using of heat, solvent, mineral oil or paraffin.

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