



Kimbond 2510

Pressure Sensitive Hot Melt Adhesive

Product Description

Kimbond 2510 is a yellow colored, high performance, pressure sensitive hot melt adhesive. It's recommended for labeling of OPP labels on PET, PVC and gloss bottles. Kimbond 2510 has low application temperature, so it's especially designed for good machinability without damage to OPP labels.

General Properties

Type	<ul style="list-style-type: none"> Pressure sensitive hot melt adhesive
Appearance	<ul style="list-style-type: none"> Yellow
Forms	<ul style="list-style-type: none"> Cake wrapped with EVA film (200-500g)
Features	<ul style="list-style-type: none"> Very high tack Very low peel adhesion Excellent flexibility and outstanding machining properties Quickly wetting out the substrate under very light pressure Very high heat stability Great wing-up resistance Very low viscosity
Uses	<ul style="list-style-type: none"> Labeling of OPP labels on PET, PVC and gloss bottles
Odor	<ul style="list-style-type: none"> Slight resinous molten
Packaging	<ul style="list-style-type: none"> 10 Kg Carton Box

Physical Properties

Physical Properties	Nominal Value Unit	Test Method
Viscosity @ 180 °C	200-400 cP	ASTM D3236
Ring & Ball Softening Point	60-70 °C	ASTM E28
Rolling Ball Tack (RBT)	10-20 mm	ASTM D3121
Specific Gravity	0.8±0.05 gr/cm ³	ASTM D792
180° Peel Adhesion (for 15-20 gr/m ²)	5-15 N/Inch	ASTM D3330
Heat Stability	Very high	ASTM D4499

Storage and Handling

Kimbond 2510 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 2510 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 120-150 °C (250-300°F). Kimbond 2510 can be applied by using of roller or die-nozzle applicator systems. The cleaning up methods is using of heat, solvent, mineral oil or paraffin.