



Kimbond 2527

Pressure Sensitive Hot Melt Adhesive

Product Description

Kimbond 2527 is a black colored, high performance, semi-pressure sensitive hot melt adhesive. It is particularly recommended for bonding of automotive lighting components like headlamp modulus. Kimbond 2527 can also be used as adhesive media for high temperature resistance bonding, for bonding of electronic parts. Therefore, it's applied in the field of monitor, accommodate of electrical source, peripheral computer, transformer, wiring of accessory in car.

General Properties

Type	• Semi-pressure sensitive hot melt adhesive
Appearance	• black
Forms	• Cake wrapped with PE film or silicone paper (400-1000g)
Features	<ul style="list-style-type: none"> • Very high hot tack • Very high heat stability • Excellent resistant the flow in high temperature • Excellent flexibility and adhering in low temperature • Long open time • Very high viscosity • Excellent adhering to PP, PC, ABS
Uses	• Bonding of automotive lighting components like headlamp modulus
Odor	• Slight resinous molten
Packaging	• 10 Kg Carton Box

Physical Properties	Nominal Value Unit	Test Method
Viscosity @ 180 °C	12000-17,000 cP	ASTM D3236
Ring & Ball Softening Point	110-120 °C	ASTM E28
Open Time @ 174 °C	20-45 sec	ASTM D 4497
Specific Gravity	0.95±0.05 gr/cm ³	ASTM D792
Heat Stability	Very high	ASTM D4499

Storage and Handling

Kimbond 2527 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 2527 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 180-210 °C (360-410°F). Kimbond 2527 can be applied by using of extrusion slot die. The cleaning up methods is using of heat, solvent, mineral oil or paraffin.