



TECHNICAL DATA SHEET

KIMIA JAVID SEPAHAN Co.

Newpipe Building, No. 83, Dr. Shariati Street (West), Tohid Ave, Isfahan, Iran

Phone: +98(31)-36937 (Ext 7281-7282)

Fax: +98(31)-62822010 Post Code: 817387685

Email : info@kimiajavid.ir

www.kimiajavidco.com

Kimbond 2290 Air filter Hot Melt Adhesive

Product Description

Kimbond 2290 is a light yellow /Transparent colored; fast setting APAO based hot melt adhesive. It's particularly recommended for Automotive air filter. It's also used for general purpose air filter, with low to medium lines. Kimbond 2290 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/ Transparent
Forms	• Pellets
Features	• Aggressive bonding • Excellent hot tack • High flexibility • Excellent heat and cold stability • medium open time • suitable setting speed
Uses	• automotive air filter
Odor	• Slight resinous molten
Packaging	• 25 Kg paper Bag

Physical Properties	Nominal Value Unit	Test Method
Viscosity @200 °C	3000-6000 cP	ASTM D3236
Ring & Ball Softening Point	155-165 °C	ASTM E28
Open Time @ 180 °C	18±3sec	ASTM D4497
Specific Gravity	0.98±0.02 gr/cm ³	ASTM D792
Heat and cold Stability	Excellent	ASTM D4499
Setting Time	≤6 sec	-

Storage and Handling

Kimbond 2290 air filter 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 2290 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 (350-410°F). Kimbond 2290 can be applied by using of nozzles, wheels or reservoir pumps. The cleaning up methods are using of heat, scraper, mineral oil or paraffin.

Issue Date: Nov. 2019

Issue Number: 01