

**HIKOREZ H-2300**  
**C5/Cyclic/Aromatic Hydrocarbon Resin**

1st./Jan./2014

**HIKOREZ H-2300** is light color thermoplastic resin obtained from polymerizing unsaturated aliphatic olefins/diolefins and aromatic olefins derived from the process of thermal cracking of naphtha. The major usages are hot melt based pressure sensitive adhesive(HMP SA). And this grade also can be used as tackifier for hot melt adhesive(HMA), because of its good compatibility with base polymer such as EVA (Ethylene Vinyl Acetate), SIS(Styrene Isoprene Styrene).

**SPECIFICATIONS**

Softening Point (Ring & Ball, °C)	95-105	ASTM E 28
Color (Molten Resin, Ga.#)	Max.3	ASTM D 1544

**TYPICAL PROPERTIES**

Specific Gravity (20/20°C)	1.08	ASTM D 71
Softening Point (Ring & Ball, °C)	100	ASTM E 28
Color (Molten Resin, Ga.#)	2	ASTM D 1544
Acid Value (KOHmg/g)	0.04	ASTM D 974
BRF, @160°C, cps	700	
BRF, @180°C, cps	200	
Molecular Weight (GPC, Mw)	570	G.P.C

*Kolon Company and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.*

**PACKAGING**

**HIKOREZ H-2300** is available both in big bags of 500kgs net weight and in multi-ply paper bags of 25kgs net weight.

**STORAGE**

Pelletized forms of resins may block or lump in hot weather climates or if stored near heat sources. Inside storage is recommended and keep at temperature not exceeding 30°C

**REGULATORY STATUS**

**HIKOREZ H-2300** is in compliance with the requirements of the U.S FDA for following sections.

- 175.105 Adhesives
- 175.125 Pressure sensitive adhesives
- 175.300 Resinous and polymeric coatings
- 175.320 Resinous and polymeric coatings for poly olefin films
- 176.170 Components of paper and paperboard in contact with aqueous and fatty foods.
- 176.180 Components of paper and paperboard in contact with dry food
- 177.1210 Closures with sealing gaskets for food containers
- 177.2600 Rubber articles intended for repeated use