

HIKOREZ H-2200
C5/Cyclic/Aromatic Hydrocarbon Resin

1st./Jan./2014

HIKOREZ H-2200 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, SBS(Styrene Butadiene Styrene), SIS (Styrene Isoprene Styrene).

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	95-105	ASTM E 28
Color (Molten Resin, Ga.#)	Max.4	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.#)	3	ASTM D 1544
Acid Value (KOHmg/g)	0.04	ASTM D 974
BRF, @160°C, cps	700	
BRF, @180°C, cps	230	
Molecular Weight (GPC, Mw)	650	G.P.C

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PACKAGING

HIKOREZ H-2200 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-2200 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