

## **HIKOTACK P-140** **Aromatic hydrocarbon resin**

Rev.08  
1st/5/2011

**HIKOTACK P-140** is pale yellow thermoplastic resin obtained from polymerizing unsaturated aromatic olefins and diolefins derived from the process of thermal cracking of naphtha. The major usages are vehicles for printing ink. This grade especially shows superior compatibility with rosin modified phenolic resin, so it can be used with phenolic resin in off-set ink to decrease the set time and increase the gloss. This grade also can be used as binder for color asphalt and tackifier for EVA based hot melt adhesive(HMA).

### **SPECIFICATIONS**

Softening Point (Ring & Ball, °C)	140-150	ASTM E 28
Color (50wt% Solution in Toluene, Ga.#)	Max.7	ASTM D 1544
Acid Value (KOH mg/g)	Max.0.1	ASTM D 974
Bromine Number (Br.cg/g)	Max.30	ASTM D 1159

### **TYPICAL PROPERTIES**

Specific Gravity (20/20°C)	1.08	ASTM D 71
Softening Point (Ring & Ball, °C)	145	ASTM E 28
Color (50wt% Solution in Toluene, Ga.#)	4	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	8	Molten Resin
Acid Value (KOH mg/g)	0.04	ASTM D 974
Bromine Number (Br.cg/g)	10	ASTM D 1159
Molecular Weight (GPC, Mw)	2,650	G.P.C

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### **PACKAGING**

**HIKOTACK P-140** is available 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**

**HIKOTACK P-140** is in compliance with the requirements of the U.S FDA for following sections.

- 175.105 Adhesives
- 175.300 Resinous and polymeric coatings
- 177.1210 Closures with sealing gaskets for food containers
- 177.2600 Rubber articles intended for repeated use



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