

**HIKOTACK P-90HS**  
**Aromatic hydrocarbon resin**

Rev.10  
1st/1/2014

**HIKOTACK P-90HS** 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 rubber compounding agent for tires, tubes, rubber coated clothes. And this grade also can be used as tackifier for Ethylene Vinyl Acetate(EVA) based hot melt adhesive(HMA), water repellent agent, concrete curing agent and binder for asphalt.

**SPECIFICATIONS**

Softening Point (Ring & Ball, °C)	95-105	ASTM E 28
Color (50wt% Solution in Toluene, Ga.#)	Max.9	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)	101	ASTM E 28
Color (50wt% Solution in Toluene, Ga.#)	5	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	11	Molten Resin
Acid Value (KOH mg/g)	0.04	ASTM D 974
Bromine Number (Br.cg/g)	20	ASTM D 1159
Melt Viscosity BRF, @160°C, cps	550	ASTM D 3236
@180°C, cps	160	
Molecular Weight (GPC, Mw)	1,250	G.P.C

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**PACKAGING**

**HIKOTACK P-90HS** 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-90HS** 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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