

HIKOTACK P-90 **Aromatic hydrocarbon resin**

Rev.08
1st/5/2011

HIKOTACK P-90 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)	90-100	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)	98	ASTM E 28
Color (50wt% Solution in Toluene, Ga.#)	6	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	10	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	350	ASTM D 3236
@180°C, cps	125	
Molecular Weight (GPC, Mw)	1,200	G.P.C

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PACKAGING

HIKOTACK P-90 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

HIKOTACK P-90 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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