

HIKOTACK P-120 **Aromatic hydrocarbon resin**

Rev.07
1st/6/2007

HIKOTACK P-120 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 the paint and ink products, tackfier for solvent based adhesive (CR Adhesive), water repellent agent, concrete curing agent, and binder for asphalt.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	115-125	ASTM E 28
Color (50wt% Solution in Toluene, Ga.#)	Max.8	ASTM D 1544
Acid Value (KOHmg/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)	120	ASTM E 28
Color (50wt% Solution in Toluene, Ga.#)	5	ASTM D 1544
Color Stability (@200°C, 5hrs, Ga.#)	9	Molten Resin
Acid Value (KOHmg/g)	0.04	ASTM D 974
Bromine Number (Br.cg/g)	18	ASTM D 1159
Melt Viscosity BRF, @160°C, cps	3,325	ASTM D 3236
BRF, @200°C, cps	185	
Molecular Weight (GPC, Mw)	1,800	G.P.C

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PACKAGING

HIKOTACK P-120 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-120 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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