

HIKOTACK P-120HS **Aromatic hydrocarbon resin**

Rev.08
1st/5/2011

HIKOTACK P-12HS is pale yellow thermoplastic resin obtained from polymerizing unsaturated aromatic olefins and diolefins derived from the process of thermal cracking of naphtha. This grade has relatively higher softening point than HIKOTACK P-120, and is mainly used as vehicles for paint and ink products, water repellent agent, concrete curing agent and binder for asphalt.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	126-130	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)	128	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)	15	ASTM D 1159
Molecular Weight (GPC, Mw)	2,020	G.P.C

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PACKAGING

HIKOTACK P-120HS 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-120HS 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



*HEAD OFFICE : 10TH FL., KOLON TOWER 1-23, BYULYANG-DONG GWACHEON-CITY KYUNGGI-DO, KOREA
TEL) 82-2-3677-6120 FAX) 82-2-3677-6191*

*ULSAN PLANT : 499-58, BUGOG-DONG, NAM-GU, ULSAN-CITY, KOREA
TEL) 82-52-259-8130 FAX) 82-52-260-1192*