# HIKOTACK P-120P Aromatic hydrocarbon resin

Rev.08 1st/5/2011

**HIKOTACK P-120P** is pale yellow thermoplastic resin obtained from polymerizing unsaturated aromatic olefins and diolefins derived from the process of thermal cracking of naphtha. This grade especially shows very good compatibility with polar polymer such as epoxy resin, alkyd resin and ethylene vinyl acetate(EVA), so the major usages are vehicles in the coating industry and tackifier for Ethylene Vinyl Acetate(EVA) based hot melt adhesive(HMA).

#### **SPECIFICATIONS**

Softening Point (Ring & Ball, °C)	115-125	ASTM E 28
Color (50wt% Solution in Toluene, Ga.#)	Max.8	ASTM D 1544
Acid Value (KOH mg/g)	Max.0.1	ASTM D 974
Bromine Number (Br.cg/g)	Max.30	ASTM D 1159
Cloud Point (EVA, °C)	Max. 150	Kolon Method
TYPICAL PROPERTIES		
Specific Gravity (20/20°C)	1.08	ASTM D 71
Softening Point (Ring & Ball, <sup>o</sup> C)	117	ASTM E 28
Color (50wt% Solution in Toluene, Ga.#)	5	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)	18	ASTM D 1159
Melt Viscosity BRF, @160°C, cps	2700	ASTM D 3236
@180°C, cps	560	
EVA compatability(℃)	<150	
Molecular Weight (GPC, Mw)	1,500	G.P.C

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#### PACKAGING

HIKOTACK P-120P 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-120P 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 : 10<sup>TH</sup> 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