

SUKOREZ SU-120
Hydrogenated DCPD hydrocarbon resin

Rev.07
1st/1/2014

SUKOREZ SU-120 is waterwhite thermoplastic resin obtained from polymerization and hydrogenation of cyclic ingredients. The major usages are tackifier for hot melt adhesive(HMA), hot melt pressure sensitive adhesive(HMP SA) and solvent based pressure sensitive adhesive(SBPSA), because of its good heat resistance and good compatibility with base polymers such as ethylene vinyl acetate(EVA), styrene block copolymer(SBC).

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	116-125	ASTM E 28
Color (50% Toluene Solution, HAZEN)	Max.50	ASTM D 1209
Color Stability (@200°C, 5hrs, Ga.#)	Max.2	ASTM D 1544

TYPICAL PROPERTIES

Specific Gravity (20/20°C)	1.08	ASTM D 71
Softening Point (Ring & Ball, °C)	120	ASTM E 28
Color (50% Toluene Solution, HAZEN)	40	ASTM D 1209
Color Stability (@200°C, 5hrs, Ga.#)	<1	ASTM D 1544
Acid Value (KOH mg/g)	<0.1	ASTM D 974
Melt Viscosity BRF, @160°C, cps	4,000	ASTM D 3236
BRF, @180°C, cps	850	
Molecular Weight (GPC, Mw)	710	G.P.C

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PACKAGING

SUKOREZ SU-120 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

SUKOREZ SU-120 is in compliance with the requirements of the U.S FDA for following sections.

- 175.105 Adhesives
- 175.125 Pressure sensitive adhesives
- 175.300 Resinous and polymeric coatings
- 175.320 Resinous and polymeric coatings for poly olefin films
- 176.170 Components of paper and paperboard in contact with aqueous and fatty foods.
- 176.180 Components of paper and paperboard in contact with dry food
- 177.1210 Closures with sealing gaskets for food containers
- 177.1520 Olefin polymers
- 177.2600 Rubber articles intended for repeated use



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