

## **SUKOREZ SU-110** **Hydrogenated DCPD hydrocarbon resin**

Rev.07  
1st/1/2014

**SUKOREZ SU-110** 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(HMPESA) 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)	110-115	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)	112	ASTM E 28
Color (50% Toluene Solution, HAZEN)	30	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	1,700	ASTM D 3236
BRF, @180°C, cps	350	
Molecular Weight (GPC, Mw)	670	G.P.C

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### **PACKAGING**

**SUKOREZ SU-110** 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-110** 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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