

## **HIKOREZ A-1115** **Aliphatic hydrocarbon resin**

Rev.10  
1st/1/2014

**HIKOREZ A-1115** is pale yellow thermoplastic resin obtained from polymerizing unsaturated aliphatic olefins/diolefins derived from the process of thermal cracking of naphtha. The major usages are tackifier for solvent based pressure sensitive adhesive(SBPSA), hot melt based pressure sensitive adhesive (HMPSA) and hot melt adhesive(HMA).

### **SPECIFICATIONS**

Softening Point (Ring & Ball, °C)	108 - 116	ASTM E 28
Color (Molten Resin, Ga.#)	Max.6	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	Max.8	ASTM D 1544
Acid Value (KOH mg/g)	Max.1	ASTM D 974

### **TYPICAL PROPERTIES**

Specific Gravity (20/20°C)	0.98	ASTM D 71
Softening Point (Ring & Ball, °C)	112	ASTM E 28
Color (Molten Resin, Ga.#)	4~5	ASTM D 1544
Color Stability (@200°C, 3hrs, Ga.#)	5~6	ASTM D 1544
Acid Value (KOH mg/g)	0.13	ASTM D 974
Melt Viscosity BRF, @200°C, cps	430	ASTM D 3236
Molecular Weight (GPC, Mw)	3,950	G.P.C

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### **PACKAGING**

**HIKOREZ A-1115** 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**

**HIKOREZ A-1115** 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
- 177.2600 Rubber articles intended for repeated use



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