

Technical Data Sheet

Hydrogenated C9 Hydrocarbon Resin

Specification:

Item	KT-100	Test Method
Color Grade (Ga#)	<1	ASTM D1209
Softening Point (R&B) °C	97-105	ASTM E28
Color Stability(@180°C,6 hrs, Ga#)	<3	ASTM D1544
Acid Number (KOH mg/g)	<0.1	ASTM D-974
Specific Gravity(@25°C, kg/dm ³)	1.02	ASTM D71
Melt Viscosity BRF, @160°C, cps BRF, @180°C, cps	800 215	ASTM D3236
Molecular Weight(GPC) Mw Mn	1100 680	GPC

Characteristics :

KT-100 is water white thermoplastic resin obtained from polymerization and hydrogenation of C9 hydrocarbon. 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)

PACKAGING:

KT-100 is available in multi-ply paper bags of 25kgs net weight.

STORAGE

Inside storage is recommended and keep at temperature not exceeding 30°C. Pelletized forms of resins may block or lump in hot weather climates or if stored near heat sources. Hydrogenated C5 are typically not prone to oxidation. However long storage in adverse conditions could result in darkening and/or it could have an adverse effect on the solubility of the resin in organic solvents or on its compatibility with polymers.