

Hydrogenated Hydrocarbon Resin

ER-390

1. Product Description

EcoGreen ER-390 is a very light color hydrogenated hydrocarbon resin, obtained from polymerization and hydrogenation of DCPD ingredients, with excellent heat stability and good compatibility with SBC, EVA, APAO and other elastomers. ER-390 is designed as tackifiers for a variety of applications including HMA/HMPA/solvent-based PSA.

2. Typical properties

Softening Point (Ring & Ball, °C)	90	ASTM E 28
Color (50% toluene solution, YI)	0	ASTM D 1925
Heat Stability (@175°C, 5hours, YI)	1.0	ASTM D 1925
Melt Viscosity (@160°C, mPa.s)	260	ASTM D 3236
Acid Value (mg KOH/g)	<0.1	ASTM D 974
Density (20°C, g/cm ³)	1.07	ASTM D 71
Mw (g/mol)	550	GPC
Mn (g/mol)	350	GPC

3. Packaging

Package: Polyethylene bags.

Weight: 25 kg/ bag.

4. Storage

Stored indoors, pay attention to fire protection, sun protection and rain protection. The ambient temperature should not exceed 30°C, and the relative humidity should not exceed 85%. Long stacking storage is not recommended.