

Hydrogenated Hydrocarbon Resin

ER-400

1 . Product Description

EcoGreen ER-400 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-400 is designed as tackifiers for a variety of applications including HMA/HMPA/solvent-base PSA.

2 . Typical properties

Softening Point (Ring & Ball, °C)	100-105	ASTM E 28
Color (50% toluene solution, YI)	< 1	ASTM D 1925
Heat Stability (@175°C, 5hours, YI)	< 5	ASTM D 1925
Melt Viscosity BRF, @ 160°C, cPs	650	ASTM D 3236
Acid Value (mg KOH /g)	< 0.1	ASTM D 974
Density (20°C, g/cm ³)	1.08	ASTM D 71
Mw	580	GPC
Mn	350	GPC

3 . Packaging

Package: Poly Ethylen 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.