

Product Technical Data Sheet

Hydrogenated Hydrocarbon Resin

ER-320

1 . Product Description

EcoGreen ER-320 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-320 is designed as tackifier for a variety of applications including HMA/HMPASA/solvent-base PSA.

2 . Typical properties

Softening Point (Ring & Ball, °C)	120-125	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, @180°C, cPs	950	ASTM D 3236
Acid Value (mg KOH /g)	< 0.1	ASTM D 974
Specific Gravity (20°C, g/cm ³)	1.08	ASTM D 71
Mw	650	GPC
Mn	380	GPC

3 . Packaging

Package: Poly Ethylen bags;

Weight: 25kg/ 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.