

氢化石油树脂

ER-400

1. 产品描述

EcoGreen ER-400 为颜色非常浅的氢化石油树脂, 经过 DCPD (双环戊二烯) 的聚合和加氢反应所产生, 产品具有优秀的热稳定性, 与 SBC、EVA 及 APAO 等各种弹性体有较好的相容性, 主要用于热熔胶、热熔压敏胶及橡胶类溶剂型压敏胶等产品的增粘。

2. 典型性能

软化点 (环球法, °C)	100-105	ASTM E 28
颜色 (50%甲苯, YI)	< 1	ASTM D 1925
颜色稳定性 (175°C, 5 小时, YI)	< 5	ASTM D 1925
熔融粘度 BRF, @160°C, cPs	650	ASTM D 3236
酸值 (mg KOH /g)	< 0.1	ASTM D 974
密度 (20°C, g/cm ³)	1.08	ASTM D 71
重均分子量	580	GPC
数均分子量	350	GPC

3. 包装

包装容器: 聚乙烯袋;

包装规格: 25kg/袋。

4. 储存

存放于阴凉、干燥处。不建议长时间堆叠储存。不可存放于开口或者无标识容器中。

Product Technical Data Sheet

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

Store in a cool, dry place. Long stacking storage is not recommended. Do not store in open or unlabeled containers.