

# 氢化石油树脂

## ER-320

### 1 . 产品描述

EcoGreen ER-320 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

| 测试项目                          | 测试方法        | 控制范围      |
|-------------------------------|-------------|-----------|
| 软化点 (环球法, °C)                 | ASTM E 28   | 120-125   |
| 颜色 (YI, 50%甲苯溶液)              | ASTM E 28   | < 1       |
| 颜色稳定性 (YI, 175°C, 5 小时)       | ASTM D 1925 | < 5       |
| 熔融粘度(180°C,mPa.s)             | ASTM D 1925 | 800-1000  |
| 酸值 (mg KOH /g)                | ASTM D 3236 | < 0.1     |
| 密度 (20°C, g/cm <sup>3</sup> ) | ASTM D 974  | 1.05-1.09 |

### 3 . 包装

包装容器: 聚乙烯袋;

包装规格: 25kg/袋。

### 4 . 储存

应室内储存, 注意防火、防晒、防雨, 环境温度不超过 30°C, 相对湿度不大于 85%, 不建议长时间堆叠储存。

## 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/HMPA/solvent-base PSA.

#### 2 . Typical properties

| Properties                         | Test Method | Technical Specifications |
|------------------------------------|-------------|--------------------------|
| Softening Point (Ring & Ball, °C)  | ASTM E 28   | 120-125                  |
| Color (YI, 50% toluene solution)   | ASTM E 28   | < 1                      |
| Heat Stability (YI, 175°C, 5hours) | ASTM D 1925 | < 5                      |
| Melt Viscosity(180°C, mPa.s)       | ASTM D 1925 | 800-1000                 |
| Acid Value (mg KOH /g)             | ASTM D 3236 | < 0.1                    |
| Density (20°C, g/cm <sup>3</sup> ) | ASTM D 974  | 1.05-1.09                |

#### 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.