

氢化石油树脂/Hydrogenated Hydrocarbon Resin RES-100

1. 产品描述/Product Description

RES-100 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。

RES-100 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. RES-100 is designed as tackifiers for a variety of applications including HMA/HMP/SA/solvent-base PSA.

2. 典型性能/Typical properties

序号 No.	项目 Item	参数 Parameter	标准 Standard
1	软化点 (环球法, °C) Softening Point (Ring & Ball, °C)	100-105	ASTM E 28
2	颜色 (50%甲苯, YI) Color (50% toluene solution, YI)	< 1	ASTM D 1925
3	颜色稳定性 (175°C, 5 小时, YI) Heat Stability (@175°C, 5hours, YI)	< 5	ASTM D 1925
4	熔融粘度 BRF, @160°C, cPs Melt Viscosity BRF, @160°C, cPs	650	ASTM D 3236
5	酸值 (mg KOH /g) Acid Value (mg KOH /g)	< 0.1	ASTM D 974
6	比重(20°C, g/cm ³) Specific Gravity (20°C, g/cm ³)	1.08	ASTM D 71
7	重均分子量 Mw	580	GPC
8	数均分子量 Mn	350	GPC

3. 包装/Packaging

- 包装容器: 聚乙烯袋
Package: Polyethylene bags
- 包装规格: 25kg/袋
Weight: 25kg/ bag

4. 储存/Storage

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。
Store in a cool and dry place. Long-term stacking storage is not recommended. Do not store in open or unlabeled containers.