

PRIMACOR™ 5980I

Copolymer

陶氏塑料

产品说明

Low heat seal temperature, high hot tack

High gloss, excellent clarity

Excellent grease and oil resistance, water hold-out and excellent product resistance for flexible packaging applications

Complies with:

U.S. FDA 21 CFR 177.1310(a)(2)

Consult the regulations for complete details.

PRIMACOR™ 5980I is an ethylene acrylic acid copolymer with excellent adhesion to metallic, cellulosic, glass and other polar substrates. In dispersion form, it can be used effectively as a foil primer or laminating adhesive for polyethylene and metallized substrates.

Applications:

Adhesives

Laminations

Foil priming

Heat sealing

Nonwoven binding

Metal/paper coating

Outstanding Properties:

Dispersible in aqueous amines and alkali

"Clean" dispersion requires no salts, surfactants or solvents

Dispersions use existing waterbourne application equipment

High hot tack

Low odor

| 基本信息 | | | |
|--|--|-------------------|----------------------|
| 机构评级 | FDA 21 CFR 177.1310 (a) 2 | | |
| 形式 | 粒子 | | |
| 加工方法 | 涂层 | | |
| 物理性能 | 额定值 | 单位制 | 测试方法 |
| 比重 | 0.958 | g/cm ³ | ASTM D792, ISO 1183 |
| 熔流率(熔体流动速率) | | | ASTM D1238, ISO 1133 |
| 125°C/2.16 kg ¹ | 14 | g/10 min | ASTM D1238, ISO 1133 |
| 190°C/2.16 kg ² | 300 | g/10 min | ASTM D1238, ISO 1133 |
| 共聚单体含量 ³ | 20.5 | % | 内部方法 |
| 硬度 | 额定值 | 单位制 | 测试方法 |
| 肖氏硬度 (邵氏 D) | 50 | | ASTM D2240, ISO 868 |
| 机械性能 | 额定值 | 单位制 | 测试方法 |
| 拉伸模量 - 2% 正割 (模压成型) | 33.1 | MPa | ASTM D638, ISO 527-2 |
| 抗张强度 (断裂, 模压成型) | 9.65 | MPa | ASTM D638, ISO 527-2 |
| 伸长率 (断裂, 模压成型) | 390 | % | ASTM D638, ISO 527-2 |
| 热性能 | 额定值 | 单位制 | 测试方法 |
| 维卡软化温度 | 42.2 | °C | ASTM D1525, ISO 306 |
| 熔融温度(DSC) | 77.2 | °C | 内部方法 |
| 挤压说明 | | | |
| 用于处理此树脂的设备应由耐腐蚀材料制成.建议模具和适配器采用不锈钢和/或双面镀铬或镀镍. | | | |
| 备注 | | | |
| 1. | 如同在生产时测量的一样. | | |
| 2. | 熔体指数值和熔体流动速率相关联(ASTM D 1238 条件为 125°C/2.16kg). | | |
| 3. | 通过 Dow 属性方法测量的共聚单体含量,和 ASTM D 4094 相比具有相同的精确性. | | |