

Dow Primacor® 5986 Ethylene acrylic acid copolymer

Polymer,Thermoplastic,Adhesives, Sealants, and Coatings,Ethylene Acrylic Acid

Dow Chemical

产品说明

Low heat seal temperature High gloss, excellent clarity Excellent grease and oil resistance and excellent product resistance for flexible packaging applications Complies with U.S. FDA 21 CFR 177.1310 (c) PRIMACOR™ 5986 has excellent adhesion to metallic, cellulosic, glass and other polar substrates. It can be used effectively as a foil primer or laminating adhesive for polyethylene and metallized substrates. Information provided by Dow.

物理性能	额定值 (公制)	额定值 (英制)	测试方法
密度	0.958 g/cc	0.0346 lb/in³	ASTM D792
熔体流动速率	13.8 g/10 min @ Load 2.16 kg, Temperature 125 °C	13.8 g/10 min @ Load 4.76 lb, Temperature 257 °F	ASTM D1238
化合物熔体指数	300 g/10 min @ Load 2.16 kg, Temperature 125 °C	300 g/10 min @ Load 4.76 lb, Temperature 257 °F	ASTM D1238
机械性能	额定值 (公制)	额定值 (英制)	测试方法
肖氏硬度 (邵氏 D)	50	50	Compression molded; ASTM D2240
抗张强度(断裂)	9.65 MPa	1400 psi	Compression molded; ASTM D638
伸长率 (断裂)	390 %	390 %	Compression molded; ASTM D638
拉伸模量	0.0331 GPa	4.80 ksi	2% Secant; Compression molded; ASTM D638
热性能	额定值 (公制)	额定值 (英制)	测试方法
熔融温度	77.2 °C	171 °F	Dow Method (DSC)
维卡软化温度	42.2 °C	108 °F	ASTM D1525
材料描述			测试方法
Comonomer content, %	20.5		measured by direct titration