

Dow Primacor® 5986 Ethylene acrylic acid copolymer

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

Material Notes:

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.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Primacor-5986-Ethylene-acrylic-acid-copolymer.php

Physical Properties	Metric	English	Comments
Density	0.958 g/cc	0.0346 lb/in ³	ASTM D792
Melt Flow	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
Melt Index of Compound	300 g/10 min @Load 2.16 kg, Temperature 125 °C	300 g/10 min @Load 4.76 lb, Temperature 257 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	Compression molded; ASTM D2240
Tensile Strength at Break	9.65 MPa	1400 psi	Compression molded; ASTM D638
Elongation at Break	390 %	390 %	Compression molded; ASTM D638
Tensile Modulus	0.0331 GPa	4.80 ksi	2% Secant; Compression molded; ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	77.2 °C	171 °F	Dow Method (DSC)
Vicat Softening Point	42.2 °C	108 °F	ASTM D1525

Descriptive Properties	Value	Comments
Comonomer content, %	20.5	measured by direct titration

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China