

Dow Primacor® 5980I Ethylene Acrylic Acid (EAA)

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

Material Notes:

PRIMACOR® 5980I dispersible polymer is an ethylene acrylic acid copolymer (20 wt % comonomer) which is dispersible in aqueous alkali and amines. Excellent adhesion to metallic, cellulosic, glass and other substrates are achievable. It also offers low heat seal temperature, high hot tack, excellent water, grease and oil resistance, high gloss, excellent clarity, low odor, and high wet strength retention. It is crosslinkable and is a versatile binder for nonwoven fibers including polypropylene, polyester, glass, and nylon etc. When used unmodified for food packaging applications, this resin complies with the U.S. Food, Drug and Cosmetic Act as amended under Food Additive Regulation 21 CFR 177.1310(c). The regulation should be consulted for complete details. Data provided by Dow Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Primacor-5980I-Ethylene-Acrylic-Acid-EAA.php

Physical Properties	Metric	English	Comments
Density	0.958 g/cc	0.0346 lb/in ³	
Melt Flow	300 g/10 min @Load 2.16 kg	300 g/10 min @Load 4.76 lb	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	
Tensile Strength, Ultimate	9.70 MPa	1410 psi	
Elongation at Break	390 %	390 %	
Modulus of Elasticity	0.0331 GPa	4.80 ksi	Molded Sample 2% Secant Modulus

Thermal Properties	Metric	English	Comments
Vicat Softening Point	42.0 °C	108 °F	

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