

Dow Primacor® 3440 Ethylene Acrylic Acid (EAA)

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

Material Notes:

PRIMACOR® 3440 polymer containing 9.5% comonomer is an extrusion/ coextrusion coating and laminating for flexible packaging applications. It is designed to provide excellent hot tack and adhesion to metallic, paper and polyethylene substrates, with excellent heat seal strength, even through many oily and powdered products. This resin also offers outstanding resistance to delamination, as well as excellent toughness and environmental stress crack resistance. 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(b). This resin will also comply with 21 CFR 175.105, 176.170(b), 176.180, and 178.1005. The regulations 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-3440-Ethylene-Acrylic-Acid-EAA.php

Physical Properties	Metric	English	Comments
Density	0.938 g/cc	0.0339 lb/in ³	
Melt Flow	10 g/10 min @Load 2.16 kg	10 g/10 min @Load 4.76 lb	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	17.6 MPa	2550 psi	
Tensile Strength, Yield	7.90 MPa	1150 psi	
Elongation at Break	600 %	600 %	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	76.1 °C	169 °F	

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