

Dow Primacor® 3460 Ethylene Acrylic Acid (EAA)

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

Material Notes:

PRIMACOR® 3460 polymer containing 9.5% comonomer is a heat seal coating for high speed packaging applications where low temperature processing is necessary for minimal taste and odor effects. It is designed to provide excellent adhesion to metallic, paper and polyethylene substrates with excellent hot tack and heat seal performance. This resin also offers outstanding resistance to delamination and excellent toughness. 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-3460-Ethylene-Acrylic-Acid-EAA.php

Physical Properties	Metric	English	Comments
Density	0.938 g/cc	0.0339 lb/in ³	
Melt Flow	20 g/10 min @Load 2.16 kg	20 g/10 min @Load 4.76 lb	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	16.3 MPa	2360 psi	
Tensile Strength, Yield	7.30 MPa	1060 psi	
Elongation at Break	590 %	590 %	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	72.2 °C	162 °F	

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