

Dow Primacor® 4311 Ethylene Acrylic Acid (EAA)

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

Material Notes:

PRIMACOR® 4311 polymer containing 3% comonomer 3 is an extrusion/ coextrusion coating and laminating for flexible packaging applications. It is designed to provide excellent adhesion to metallic, paper and polyethylene substrates and offers excellent drawdown, and good heat sealability for downgauged structures. 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-4311-Ethylene-Acrylic-Acid-EAA.php

Physical Properties	Metric	English	Comments
Density	0.927 g/cc	0.0335 lb/in ³	
Melt Flow	11 g/10 min	11 g/10 min	
	@Load 2.16 kg	@Load 4.76 lb	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	12.3 MPa	1780 psi	
Tensile Strength, Yield	10.8 MPa	1570 psi	
Elongation at Break	600 %	600 %	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	92.2 °C	198 °F	

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