

# PRIMACOR™ 4810

## Ethylene Acrylic Acid Copolymer

### Introduction

PRIMACOR™ 4810 is an ethylene acrylic acid copolymer adhesive designed for use with metallic, cellulosic, glass and other substrates. In dispersion form, it is a binder for nonwoven fibers, including polypropylene, polyester, glass, nylon, and others.

### Properties

	Nominal Value (English)	Nominal Value (SI)	Test Method
<b>Resin Properties</b>	Density	0.94 g/cm <sup>3</sup>	0.94 g/cm <sup>3</sup> ASTM D792 ISO 1183
	Melt Index (2.16 kg @190°C)	55 g/10min	55 g/10min ASTM D1238 ISO 1133
	Comonomer Content <sup>1</sup>	14.5 %	14.5 % SK Method
	Vicat Softening Temperature	140.0 °F	60.0 °C ASTM D1525 ISO 306
	Shore D Hardness	45.0	45.0 ASTM D2240
	Melting Temperature (DSC)	194.9°F	90.5 °C SK Method

<sup>1</sup> Comonomer content measured by a SK proprietary method that has equivalent accuracy as compared to ASTM D 4094.

#### Extrusion Notes

Equipment used to process this resin should be constructed of corrosion resistant materials. Dies and adapters are recommended to be stainless and/or duplex chrome or nickel plated.

