

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
Density	0.94 g/cm ³	0.94 g/cm ³	ASTM D792 ISO 1183
Melt Index (2.16 kg @190°C)	55 g/10min	55 g/10min	ASTM D1238 ISO 1133
Resin Properties			
Comonomer Content ¹	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

¹ 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.

Notes

These are *typical values* and are *not be construed as specifications*. The physical properties are highly dependent on the manufacturing conditions. So customers should confirm performances by their own tests.

Technical Information

For additional sales, order and technical assistance

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