PRIMACOR™ 5985

Copolymer

Introduction

PRIMACOR™ 5985 dispersible polymer is an ethylene acrylic acid copolymer with excellent adhesion to metallic, cellulosic, glass and other polar substrates. In dispersion form, it can be used effectively as a foil primer or laminating adhesive for polyethylene and metallized substrates.

PRIMACOR™ 5985 Copolymer exhibits:

- Dispersible in aqueous amines and alkali
- "Clean" dispersion requires no salts, surfactants or solvents
- Dispersions use existing waterbourne application equipment
- Low heat seal temperature, high hot tack
- High gloss, excellent clarity
- Excellent grease and oil resistance, water hold-out, and excellent product resistance for flexible packaging applications
- Low odor

Applications:

- Adhesives
- Laminations
- Foil priming
- Heat sealing
- Nonwoven binding
- Metal/paper coating

Complies with:

- US. FDA 21 CFR 177.1310(a)(2)

Additives:

- Antiblock: No
- Slip: No

Properties

		Nominal Value (English)	Nominal Value (SI)	Test Method
Resin Properties	Density	0.958 g/cm^3	0.958 g/cm^3	ASTM D792 ISO 1183
	Melt Index (2.16 kg @125°C)[1] Melt Index (2.16 kg @190°C)[2]	12 g/10min 240 g/10min	12 g/10min 240 g/10min	ASTM D1238 ISO 1133
	Comonomer Content[3]	20.5 %	20.5 %	SK Method
	Vicat Softening Temperature	108 °F	42.2 °C	ASTM D1525 ISO 306
	Melting Temperature (DSC)	171 °F	77.2 °C	SK Method

[1] As measured at the time of production.
[2] Melt Index values are correlated from Melt Flow Rate (ASTM D 1238 conditions of 125°C/2.16 kg).
[3] 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.

For additional sales, order and technical assistance

Customer Service Representative	csr_skgc@sk.com		
Asia Pacific		**America**	
Shanghai (Head Quarter)	+86-21-6197-0243	Houston	+1-713-850-0005
Shanghai (TS&D)	+86-21-6197-0128	**Europe**	
Seoul	+82-2-2121-6745	Frankfurt	+49-6967738103
Tokyo	+81-3-3591-0343	Madrid	+34-910477688
Southeast Asia/Australia		**Middle East/Africa**	
Singapore	+65-6671-1566	Dubai	+971-4-252-5277

