



## PRIMACOR™ 698

SK Global Chemical - Ethylene Acrylic Acid Copolymer

Sunday, November 3, 2019

### General Information

#### Product Description

PRIMACOR™ 698 is a medium acid copolymer offering enhanced adhesion vs. LDPE, and thus potential for reduced processing temperatures or processing without substrate or melt pre-treatments.

#### Main Characteristics:

- Good adhesion to metallic, paper and PE Substrates
- Good heat sealability and hot-tack
- Excellent draw-down
- Low neck-in
- Complies with the requirements for use in contact with food of the EU-Directive 2002/72/EC. Contact a SK Sales office to obtain a detailed food contact compliance letter for this product.
- Complies with U.S. FDA 21 CFR 177.1310(b). Consult the regulations for complete details.

#### General

|                 |                                           |
|-----------------|-------------------------------------------|
| Material Status | • Commercial: Active                      |
| Availability    | • North America                           |
| Agency Ratings  | • EU 2002/72/EC • FDA 21 CFR 177.1310 (b) |
| Forms           | • Pellets                                 |

### ASTM & ISO Properties <sup>1</sup>

| Physical                                       | Nominal Value | Unit     | Test Method     |
|------------------------------------------------|---------------|----------|-----------------|
| Density / Specific Gravity                     | 0.929         |          | ASTM D792       |
| Melt Mass-Flow Rate (190°C/2.16 kg)            | 7.5           | g/10 min | ASTM D1238      |
| Comonomer Content <sup>2</sup>                 | 3.0           | %        | Internal Method |
| Mechanical                                     | Nominal Value | Unit     | Test Method     |
| Tensile Strength (Yield, Compression Molded)   | 1960          | psi      | ASTM D638       |
| Tensile Strength (Break, Compression Molded)   | 1170          | psi      | ASTM D638       |
| Tensile Elongation (Break, Compression Molded) | 490           | %        | ASTM D638       |
| Thermal                                        | Nominal Value | Unit     | Test Method     |
| Vicat Softening Temperature                    | 205           | °F       | ASTM D1525      |
| Melting Temperature (DSC)                      | 221           | °F       | Internal Method |

### Processing Information

| Extrusion                                                      | Nominal Value | Unit   | Test Method     |
|----------------------------------------------------------------|---------------|--------|-----------------|
| Melt Temperature                                               | 500 to 590    | °F     |                 |
| Draw Down - Acceleration from 15 g/m <sup>2</sup> at 100 m/min | 480           | ft/min | Internal Method |
| Neck-in - 25 g/m <sup>2</sup> at 100 m/min (554°F)             | 6.1           | in     | Internal Method |

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Comonomer content measured by direct titration procedure.