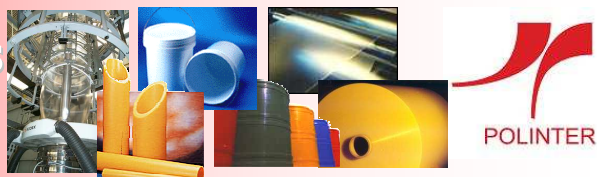


Venelene® Polyethylenes Technical Data Sheet



Venelene® LA-0903 LDPE for Coating

Features:

- ◆ Good processability.

Common uses:

- ◆ Extruded coatings on materials like paper, aluminum, pasteboard, etc.
- ◆ Injection of articles of high flexibility for general use.

Processing Conditions:

- ◆ Extrusion Melt temperature: 270 - 350°C
- ◆ Die diameter: 0.7 to 1.0 mm.
- ◆ Substrate pulling speed: < 250 m/min.

| Properties | ASTM ⁽¹⁾ | Units | Typical Values ⁽²⁾ | |
|--|---------------------|-------------------|-------------------------------|----|
| Melt flow index (190°C / 2.16 Kg.) | D 1238 | g/10 min | 9.00 | |
| Density | D 792 | g/cm ³ | 0.9180 | |
| Designation NORVEN: (Thermoplastic) Covenin (3581)-PE, HH, 18-E090 | | | | |
| Film properties (50µ) ⁽³⁾ | | | | |
| Tensile properties | | | DE | DT |
| Toughness | D 882 | MPa | - | - |
| Tensile Strength at break | D 882 | MPa | 12 | - |
| Elongation at break | D 882 | % | 400 | - |
| Elmendorf tear strength | D 1922 | g | - | - |
| Impact resistance | D 1709 | KJ/m | - | - |
| Puncture resistance | D 3420 | g | - | - |
| Optical properties ⁽³⁾ | | | | |
| Luminous Transmittance | D 1003 | % | - | - |
| Haze | D 1003 | % | - | - |
| Additives: | | | | |
| Antioxidants | | | N/A | |
| Slip agent | | | N/A | |
| Anti blocking | | | N/A | |
| Processing aid | | | N/A | |
| Stabilizer UV | | | N/A | |

(1) COVENIN - ASTM standards equivalency:: Density Covenin 461-96; melt flow index Covenin 1152-93; mechanic properties Covenin 1357-79, Elmendorf Tear resistance Covenin 994-98, Impact Covenin 384-98, Optical Covenin 464-94.

(2) Reported typical values are obtained from laboratory test. Values should be used as a commercial guide, not as specification data.

(3) The extrusion properties were evaluated on a extruded tubular film under the following conditions: Screw diameter 50mm; Extrusion Melt temperature: 130-150°C; Mouthpiece gap 1,2 mm; Blow up ratio 2,5. Both mechanic properties and optical properties depend of processing conditions.

User Advice: The information provided, to the best knowledge at the time of the publication, is true and accurate. However, POLIOLEFINAS INTERNACIONALES disclaim any liability for the consequences derived from the information uses.

This product meets Venezuelan Sanitary Ministry and FDA requirements for food contact, including cooking applications.