

# CRYOVAC® CT-301

|  | ASTM Test Method | Properties      |
|--|------------------|-----------------|
| <b>Gauge</b>   |                  | <b>30</b>       |
| <b>Yield</b> (Sq. In/lb.)  |                  | 99,500          |
| <b>Haze</b> %  | D 1003-95        | 3.2             |
| <b>Gloss</b> %   | D 2457-90        | 86              |
| <b>Clarity</b> %   | D1746-92         | 85.5            |
| <b>Instrumented Impact Strength</b> (lbs.)   | D 3763-95a       | 8.2             |
| <b>Coefficient of Friction</b> (film to film, kinetic)                             | D 1984-95        | 0.174           |
| <b>Water Vapor Transmission Rate</b><br>(gms/100sq.in./24hrs.; 100%RH, 100 Deg. F) | F 1249-90        | 2.2             |
| <b>Oxygen Transmission Rate</b><br>(cc/m sq/24hrs. @ 73 Deg F, 1 atm)              | D 3985-95        | 17,000          |
| <b>Minimum Use Temperature</b>   |                  | -60 Deg F       |
|  |                  | <b>LD*/TD**</b> |
| <b>Elmendorf Tear</b> (g)  | D 1922           | 16.7/12.3       |
| <b>Elongation at Break</b> (%)   | D 882-95         | 88/105          |
| <b>Tensile Strength</b> (X1000 psi)  | D 882-95         | 20.9/21.6       |
| <b>Modulus of Elasticity</b> (X1000 psi)   | D 882-95         | 69.0/69.6       |
| <b>Free Shrink</b> (%)   |                  |                 |
| @ 180 Deg F  |                  |                 |
| @ 200 Deg F  |                  | 11/17           |
| @ 220 Deg F  | D 2732-83        | 20/30           |
| @ 240 Deg F  |                  | 53/57           |
| @ 260 Deg F  |                  | 82/80           |
| <b>Shrink Tension</b> (psi)  |                  |                 |
| @ 180 Deg F  |                  |                 |
| @ 200 Deg F  | D 2838-95        | 476/664         |
| @ 220 Deg F  |                  | 499/641         |
| @ 240 Deg F  |                  | 548/578         |

\* Longitudinal Direction    \*\* Transverse Direction

This information represents our best judgement based on the work completed. The Company assumes no liability whatsoever with the use of information or findings contained herein. Current data is based on limited samples and is subject to modification pending finalization.

