| D-955 Properties | ASTM Test Method | Typical Values | | | |
|---|---|---|---|---|---|
| Gauge | | 60 | 75 | 100 | 125 |
| Yield (sq. in. per pound) | | 50,000 | 40,000 | 30,000 | 24,000 |
| Haze (%) | D 1003-95 | 3.1 | 3.3 | 3.7 | 4.4 |
| Gloss (%) | D 2457-90 | 87 | 87 | 87 | 87 |
| Clarity (%) | D 1746-92 | 86 | 85 | 81 | 76 |
| Instrumented Impact Strength (lbs) | D 3763-95a | 18.8 | 23.9 | 33.2 | 36.8 |
| Coefficient of Friction (film-to-film, kinetic) | D 1894-95 | 0.22 | 0.22 | 0.23 | 0.23 |
| Water Vapor Transmission Rate (gms/100sq. In./24hrs.);100%RH,100˚F | F 1249-90 | 1.3 | 1.1 | 0.9 | 0.7 |
| Oxygen Transmission Rate (cc/m²/24hrs. @ 73˚ F, 1atm) | D 3985-95 | 8,548 | 6,726 | 4,941 | 3,350 |
| Tear Propagation (gms) LD* / TD** | D 1938 | 3.8 / 4.9 | 5.3 / 6.0 | 8.5 / 9.2 | 12.8 / 12.7 |
| Elongation at Break (%) LD* / TD** | D882-95 | 95 / 30 | 110 / 135 | 125 / 140 | 150 / 145 |
| Minimum Use Temperature | | -60˚ F | | | |
| Maximum Storage Temperature | | 90˚ F | | | |

| | | LD* | TD** |
|---|---|---|---|
| Tensile Strength (psi) | D 882-95 | 17,500 | 19,000 |
| Modulus of Elasticity (psi @ 73˚ F) | D 882-95 | 60,000 | 65,000 |
| Free Shrink (%) | D 2732-3 | | |
| @200˚ F | | 14 | 20 |
| @220˚ F | | 22 | 33 |
| @240˚ F | | 57 | 60 |
| @260˚ F | | 77 | 77 |
| Shrink Tension (psi) | D 2838-95 | | |
| @200˚ F | | 350 | 500 |
| @220˚ F | | 400 | 570 |
| @240˚ F | | 440 | 600 |
| @260˚ F | | 440 | 535 |
| @280˚ F | | 420 | 450 |

*Longitudinal Direction **Transverse Direction

This information represents our best judgement based on the work done, but the Company assumes no liability whatsoever in connection with the use of information or findings contained herein. D-955 complies with the requirements of the Federal Food, Drug and Cosmetics Act, as amended, for the packaging of all foods, with the exception of high alcoholic, at temperatures of 65℃ and below.