



TYPICAL PROPERTIES OF 50AF Anti-Fog Polypropylene

This anti-fog BOPP film keeps the moisture on the inside as a film of water, therefore providing a transparent film. It complies with the FDA requirements for food contact.

| Properties | Units | Values | Test Method |
|-------------------------------|------------------------|------------------|-------------|
| Standard Gauges | mil | 1.2 | KGM-101 |
| Yield | in ² /lbs. | 25,750 | ASTM D 2673 |
| Haze | % | = < 3 | ASTM D 1003 |
| Water Vapor Transmission Rate | gr/m ² /day | 4.0 | ASTM F1249 |
| OTR | cc/m ² /day | 1.600 | ASTM D 3985 |
| Coefficient of Friction | Film/Film | = < 0.25 | ASTM D 1894 |
| Coefficient of Friction | Film/Metal | = < 0.25 | ASTM D 1894 |
| Tensile Strength At Break | kg/mm ² | MD 14 TD 30 | ASTM D 882 |
| Elongation at Break | % | MD 190 TD 50 | ASTM D 882 |
| Dimensional Stability | % | MD 4.0 TD 2.0 | ASTM D 1204 |
| Heat Seal Temperature | °C | 125 | Internal |
| Surface Tension | Dynes/cm (F/B) | >=38 / >=38 | ASTM D 2578 |

All the information contained in this technical sheet is the best of our knowledge. Since the conditions under which our products may be used are beyond our control, recommendations are made without warranty or guarantee.

January 2013