

1555U

PET/ALUMINUM FOIL/PET FACING

| FACING COMPOSITION | DESCRIPTION | VALUES (ENGLISH) | VALUES (METRIC) |
|--------------------|-------------|------------------|-----------------|
| Film | Polyester | 0.00048 inch | 12.2 microns |
| Adhesive | Polymeric | | |
| Foil | Aluminum | 0.001 inch | 25.4 microns |
| Adhesive | Polymeric | | |
| Film | Polyester | 0.00048 inch | 12.2 microns |

| PHYSICAL PROPERTIES | TEST METHOD | VALUES (ENGLISH) | VALUES (METRIC) |
|----------------------------------|-----------------------------|--|-------------------------------------|
| Basis Weight | Scale | 23.0 lbs / 1000 ft ² | 112.6 g / m ² |
| Caliper / Thickness | Micrometer | 0.0024 inch | 61.0 microns |
| Tensile Strength | ASTM C1136 | 30 lbs / inch width (MD) 30 lbs / inch width (XD) | 5.3 kN / m (MD) 5.3 kN / m (XD) |
| Elongation | ASTM D882-02 | 49% - MD 45% - XD | |
| Water Immersion | 24 hours @ 73°F (23°C) | No Delamination | No Delamination |
| Permeance (WVTR) | ASTM E96 Procedure A | 0.0 perm (grains/hr·ft ² ·in Hg) | 0 ng / N's |
| Mold Resistance | | No Growth | No Growth |
| Melting Point Polyester | | 482°F | 250°C |
| Low Temperature Resistance | ASTM D1790 -40°F (-40°C) | Remains Flexible No Delamination | Remains Flexible No Delamination |
| High Temperature Resistance | 4 hours @ 240°F (116°C) | Remains Flexible No Delamination | Remains Flexible No Delamination |
| Emittance | | Both Sides 0.57 | --- |
| Continuous Operating Temperature | | -20°F to 150°F | -28.9°C to 65.5°C |

ASTM E84: 10/20 Flame/Smoke Rating

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