

LAMINATION FILMS



TECHNICAL SUPPORT

We pride ourselves in providing high quality services and technical support to all customers.

CONTACT INFORMATION

For more information on any of our products or services, please contact us at:

Golden Eagle Extrusions, Inc. 1762 State Route 131 Milford, Ohio 45150 P - 800.634.3355 F - 513.248.8300

 $www.goldeneagle extrusions.com\\ info@goldeneagle extrusions.com\\$

NP-27

STANDARD THICKNESS - 2.7 MIL

NP-27 is a medium to high-barrier film with good strength characteristics as well as high heat and puncture resistance.

Key Features

- Excellent moisture and oxygen barrier
- Good puncture resistance
- Strong, durable film
- Maintains package integrity

| PROPERTIES | UNIT | TESTING METHOD | TYPICAL VALUES |
|---|-----------------------------|----------------------------|---------------------|
| MECHANICAL | | | |
| Tensile Strength MD TD | lb/in² | ASTM D882 | 11,800 11,300 |
| Elongation MD TD | % | ASTM D882 | 160 160 |
| PHYSICAL | | | |
| Yield | in²/lb | | 10,700 |
| COF Sealant side Heat resistant side | | ASTM D1894 | 0.20 - 0.35 >.35 |
| Haze | % | ASTM D1003 | 10 |
| BARRIER | | | |
| MVTR | g/100 in ² /day | ASTM F1249 38°C, 100%RH | 0.4 |
| OTR | cc/100 in ² /day | ASTM D3985 23°C, 0%RH | 3.6 |
| THERMAL | | | |
| Vicat Softening Temperature | F | ASTM D1525 | 220° |

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