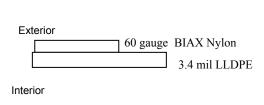
FILM DATA SHEET







Shannon Packaging Company 14375 Telephone Ave. Chino, CA 91710 Phone: (909) 591-8768

Fax: (909) 591-1409 SPC354R1.03.27.19

Physical Description:

4mil BIAX Nylon/Poly laminated barrier film

Application:

NP400 is a very strong clear material designed for tough food and industrial applications. It's high nylon content enables it to be used in critical vacuum applications that require strength and impact resistance. This FDA approved film does not stretch due to the orientation of layers during the laminating process.

Converting:

It can be converted in many ways: 2-seal pouch, 3-seal pouch, side gusset, stand up pouch and tubing. Features include: recloseable zipper, tear notch, round hang hole, and sombrero hang hole. The NP400 can also be surface printed or reverse-trapped printed. It is available in web widths to 48"

Physical Properties:

| PROPERTIES | TEST METHOD | UNIT OF MEASURE | TYPICAL VALUE |
|-------------------|--------------------|------------------------|---------------|
| Caliper | | mils | 4.0 |
| Yield | | sq.In/Lb | 7,700 |
| MVTR | Mocon | gms/100 sq. in./24 hrs | .8 |
| OTR | Mocon | cc/100 sq. in./24 hrs | 4.8 |
| Burst | Mullen | psi | 55 |
| Tensile MD | ASTM D-882 | lbs. at break | 18 |
| Tensile XMD | ASTM D-882 | lbs. at break | 21 |
| Tear MD | ASTM 689 | lbs. at break | 64 |
| Tear XMD | ASTM 689 | lbs. at break | 64 |

The values indicated in this document are the results of tests made in compliance with the normal standards. They are given as an indication and should be considered as average values and given without any obligation on our part. This data was provided directly to Shannon from our film supplier.

For more information about material data, please visit our web site at www.shannonpkg.com