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Film Data Sheet

NP500X

Exterior
1mil BIAx Nylon
4 mil EVOH / LLDPE
Interior

Physical Description:

5mil Clear BIAx Nylon/Poly laminated barrier film.

Application:

NP500X is a very strong and clear material designed for tough food and industrial applications. It's high nylon content together with EVOH enables it to be used in critical vacuum applications that require excellent OTR, strength and impact resistance. It is typically specified for large bags that must carry a heavy load. 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 NP500X can also be surface printed or reverse-trapped printed. It is available in web widths to 60".

Physical Properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	TYPICAL VALUE
Caliper		mils	5.0
Yield		sq.in/Lb	5775
MVTR	Mocon	gms/100 ² in./24 hrs	0.25
OTR	Mocon	cc/100 sq.in./24 hrs	0.05
Tensile MD	ASTM D-882	lbs. at break	34
Tensile XMD	ASTM D-882	lbs. at break	36
Tear MD	ASTM 689	grams	64
Tear XMD	ASTM 689	grams	64