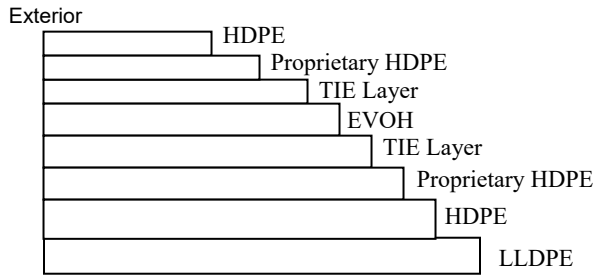


# FILM DATA SHEET

**ISR400**



4mil COEX film designed for in-store recycling systems



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 SPC376R1.09.16.19



Application:

The ISR400 Coex film designed with excellent moisture barrier and oxygen barrier properties. This film has excellent stiffness for use in SUP applications. The sealant system is designed to be compatible with zippers and provides a fusion seal. This film is engineered for the in-grocery store drop-off recycling systems.

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. Seal Initiation starts at 200°F.

Physical Properties:

PROPERTIES	TEST METHOD	UNIT OF MEASURE	TYPICAL VALUE
Caliper	ASTM D-2103	mils	4.00
Yield	Calculated	sq.In/Lb	7,280
MVTR	ASTM F 1249	gms/100 sq. in./24 hrs	0.04
OTR	ASTM D 3985	cc/100 sq. in./24 hrs	0.08
Seal Strength	Berry Std	Grams	4,800
Tensile MD	ASTM D-882	PSI	2,412
Tensile TD	ASTM D-882	PSI	2,321
Elongation MD	ASTM D-882	%	379
Elongation TD	ASTM D-882	%	41
Elmendorf Tear MD	ASTM D-1922	Grams	161
Elmendorf Tear TD	ASTM D-1922	Grams	195
Coefficient of Friction (out-out)	ASTM D-1984	Ratio	0.28
Coefficient of Friction (in-in)	ASTM D-1894	Ratio	0.13
Haze	ASTM D-1003	%	30

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](http://www.shannonpkg.com)

*Your Solution  
is in the bag*