

# ProDuce Film

(high oxygen transmission rate films)

**ProDuce** film is a cast polypropylene film which can be tailored to specific OTR requirements. It is ideal for produce packaging or other applications that require maintaining product freshness.

## Applications:

- Fresh Cut Produce Packaging

## Advantages:

- Good optical clarity
- High oxygen transmission rate
- High yield resulting in low cost (27 percent thinner than PE, with equivalent OTR\*\*)
- Acid Free—contains no PVC
- FDA compliant
- Excellent sealability and tear resistance
- Easy to print
- Crisp material for high quality feel
- Recyclable

## Specifications:

- Optically clear cast polypropylene film
- Available corona treated on one or both sides
- Thickness range: 1.2 mil to 5.0 mil thick
- Web widths up to 77" wide (Material can be slit in-line to custom roll widths)
- Clear film is standard. Custom colors available upon request
- Typical OTR range = 50cc – 300cc / 100 in<sup>2</sup> day
- Typical Processing Specifications (Pacmac)
  - 300°F, 400 ms dwell time



## Typical Properties (2 mil thick film):

Property:	ASTM Test:	Units:	Value:
1% Secant Modulus (CD)	D-882	1000 psi	111
Tensile Strength (CD)	D-882	psi	3915
Elongation (CD)	D-882	%	831
Haze	D1003	%	4.26

\*The statements, technical information, and recommendations contained herein are presented in good faith based upon tests believed to be reliable and/or practical experience. The reader is cautioned that Profol cannot guarantee the accuracy or completeness of the information, and it is the customer's sole responsibility to determine the suitability of Profol's products in any given application.

\*\*Based on a test of 51 micron PE film and 37 micron PP film at 254cc / 100 in<sup>2</sup> day

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