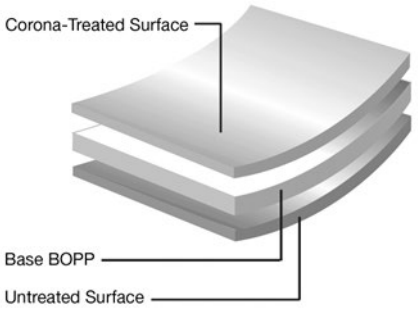
Transcendia
A Leader in Custom and Engineered Films

HT1-F Biaxially Oriented Polypropylene (BOPP) Film

DESCRIPTION

HT1-F is a co-extruded, non-heat sealable, biaxially oriented polypropylene (BOPP) film that is high energy treated on one side and untreated on the other side.
(Also available in 60, 70, 140, 160, 200 & 235 gauge.)



CHARACTERISTICS

- Excellent machinability with superior bond strength for lamination
- Non-sealable film with good stiffness
- High gloss with low haze and excellent flatness

FDA STATUS

Manufactured with materials compliant with FDA regulations.

COMPLIANCE

Please visit https://www.transcendia.com/compliance for more compliance information.

TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE				TEST METHOD
Thickness	Gauge	80	90	100	120	-
Yield	in²/lb.	38,700	35,000	31,400	25,700	-
Coefficient of Friction	Static	0.53	0.53	0.53	0.53	ASTM D1894
Tensile Strength MD	psi	20,000	20,000	20,000	20,000	ASTM D882A
Tensile Strength TD	psi	32,000	32,000	32,000	32,000	ASTM D882A
Elongation at Break MD	%	140	140	140	140	ASTM D882A
Elongation at Break TD	%	60	60	60	60	ASTM D882A
WVT	g/100sq.in/24hrs	0.40	-	0.33	0.27	ASTM F1249
Haze	%	1-3	1-3	1-3	1-3	ASTM D1003
Heat Shrinkage MD	%	5.0	5.0	5.0	5.0	5 min at 266°F
Heat Shrinkage TD	%	3.0	3.0	3.0	3.0	5 min at 266°F
Surface Tension	Dyne/cm.	38	38	38	38	-

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