MULTI–PLASTICS

Heat Sealable Coated OPP Film

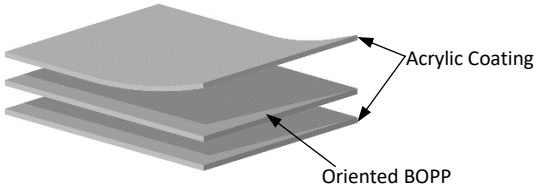
Version: RD012026-50

TYPICAL PROPERTIES OF
50AB Acrylic Coated Polypropylene Film

Two-side Acrylic Coated / Two-side Sealable BOPP

50AB is designed for use in single web or lamination applications on overwrapping and HFFS/VFFS machinery.

FDA Compliant for direct food contact



Key Features

- High gloss, transparency and clarity
- High aroma and moisture barrier
- Broad sealing range
- Excellent seal strength
- Excellent hot tack on both sides
- 2-side printable

Properties		Units	Typical Values				Test Method
Thickness		gauge µm	80 20	100 25	120 30	132 33	—
Yield		in^2/lb m^2/kg	38,700 55.0	30,900 44.0	25,000 35.5	22,800 32.5	—
Tensile Strength	MD TD	psi	17,068 34,136				ASTM D882
Elongation at Break	MD TD	%	180 60				ASTM D882
Gloss (45°)		—	85				ASTM D2457
Haze		%	2.5	2.5	2.5	2.7	ASTM D1003
COF	AC/AC	Kinetic	0.3				ASTM D1894
Shrinkage 248°F(120°C)/5min	MD TD	%	4.0 2.0				Internal
Heat Seal Range @2.5bar/0.5sec	AC/AC	degree	185 – 284°F (85 – 140°C)				Internal
Heat Seal Strength @266°F(130°C)/2.5bar/0.5sec	AC/AC	g/25mm	≥ 400				Internal
WVTR 100°F(38°C),90%RH		$g/100in^2/24hr$ $g/m^2/24hr$	0.45 7.0	0.32 5.0	0.29 4.5	0.26 4.0	ASTM F1249
OTR 73°F(23°C),0%RH		$cc/100in^2/24hr$ $cc/m^2/24hr$	58.0 900	54.8 850	48.4 750	42.0 650	ASTM D3985

Thickness & Yields may vary by +/- 10%

All data represents typical values by the methods indicated and should be considered so. The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. No warranty is made or implied.