MULTI–PLASTICS

Heat Sealable OPP Film

Version: RD072024-50

TYPICAL PROPERTIES OF
502W High Gloss White Cavitated Heat Sealable OPP Film

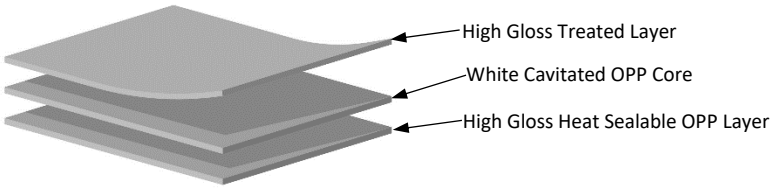
One-side Sealable / One-side Print Treated OPP Film

502W is a high gloss white cavitated coextruded OPP film designed for horizontal packaging in single web form. It has a wide heat seal range that provides high horizontal machine speed and the ability to lower sealing temperatures extending the life of machine parts. Primarily used in ice cream novelties, confectionary and baked goods.

FDA compliant for direct food contact.

Features:

- Low and consistent COF
- High puncture resistance
- One-side sealable
- High gloss and opacity
- Good moisture and odor barrier
- High yield
- Wide heat seal range



Properties		Units	Values	Test Method
Thickness		gauge µm	169 43	ASTM D2673
Yield		in^2/lbs m^2/kg	23,500 33.3	ASTM D4321
Opacity		%	83	ASTM D1003
Gloss (@45°)		%	55	ASTM D2457
MVTR 100°F(38°C),90%RH		gr/100in^2/24hr	0.28	ASTM F1249
COF (Treated to Treated)		—	0.20	ASTM D1894
Breaking Load	MD TD	lb/in	21 47	ASTM D882
Elongation at Break	MD TD	%	140 35	ASTM D882
Heat Seal Strength (Back) 185°F(84.4°C)/14.5psi/0.5sec		g/in	450	ASTM D882
Heat Seal Range (Back)		degree	175°F – 300°F (80°C – 150°C)	Internal
Surface Tension (Print)		dyne/cm	36 – 39	ASTM D2578

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.