MULTI–PLASTICS

OPP Film

Version: RD052025-50

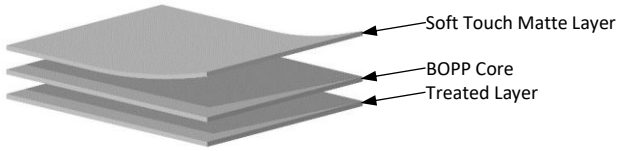
TYPICAL PROPERTIES OF
50ST Soft Touch Velvet Polypropylene Film

50ST is a two-side treated, soft touch velvet surface biaxially oriented polypropylene film designed for premium wet lamination applications. Ideal for graphic arts and cosmetic boxes.

FDA compliant for direct food contact.

Features:

- Smooth Velvet Feel
- Good Scratch Resistant Surface
- Good UV Lacquer Adhesion



Properties		Units	Typical Values	Test Method
Thickness		gauge µm	80 20	ASTM D2457
Yield		in^2/lb m^2/kg	38,599 54.9	ASTM D882
Surface Tension	*Matte Side* *Treated Side*	dyne/cm	≥ 42 ≥ 36	ASTM D2578
Tensile Strength	MD TD	lb/in^2 (kg/mm^2)	17,068 (12) 34,136 (24)	ASTM D882
Elongation at Break	MD TD	%	170 70	ASTM D882
Shrinkage	MD TD	%	4.0 2.0	ASTM D1204
Gloss *(@45°)*		%	5 – 7	ASTM D2457

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.