

# Plasti-Paper™ PB1HY-F

## DESCRIPTION:

Plasti-Paper™ PB1HY-F is a high yield one side semi-matte, one side satin gloss, white opaque, non-top coated, mineral enhanced polypropylene film.

## CHARACTERISTICS:

- High yield
- Superior smoothness
- Excellent strength and durability
- Mineral enhancement promotes printability
- Moisture and chemical resistant

## FDA STATUS:

- Manufactured with materials compliant with FDA regulations.

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE					TEST METHOD
Thickness	Gauge	200	240	280	320	400	-
Yield	in <sup>2</sup> /lb.	18,730	15,000	12,857	11,398	9240	-
Tensile Strength MD	Lbs/in	8500	8500	12,800	11,000	11,000	ASTM D882
Tensile Strength TD	Lbs/in	18,400	18,400	19,000	19,000	19,000	ASTM D882
Elongation at Break MD	%	150	150	150	150	150	ASTM D882
Elongation at Break TD	%	50	50	50	60	60	ASTM D882
Opacity	%	84	86	87	88	90	T-425
Whiteness	W	95+/-3	95+/-3	95+/-3	95+/-3	95+/-3	T-525
Gloss (75°) semi-matte		17~24	17~24	17~24	17~24	17~24	T-480
Gloss (75°) satin gloss		65~85	65~85	65~85	65~85	65~85	T-480
Smoothness Matte	μ	0.6~1.4	0.6~1.4	0.6~1.4	0.6~1.4	0.6~1.4	T-555
Surface Tension semi-matte	dyne/cm	40~42	40~42	40~42	40~42	40~42	D-2578
Surface Tension satin gloss	dyne/cm	36~38	36~38	36~38	36~38	36~38	D-2578
Uninitiated Tear Strength MD	Gm/mm	High	High	High	No Tear	No Tear	D-1922
Uninitiated Tear Strength TD	Gm/mm	-	-	-	-	-	-
C.O.F		0.25	0.27	0.27	0.34	0.34	D-882

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