



EXCELLENT PRINTABLE PRODUCTS

# TECHNICAL DATA SHEET

## **Synplas PP 180 PI Matte**

### **Product Description**

Synplas PP 180 PI Matte is a white polypropylene film, with a smooth aqueous matte inkjet receptive top coating.

### **Typical Applications**

Recommended for use in

- Banners
- Posters
- POS
- Flyers
- Inserts

### **Key Features**

Synplas PP 180 PI Matte has the look of paper, but with the strength of PP, has a high tear resistance. Its coating also offers an excellent imaging quality and a high colour gamut.

### **Sizes Available**

Can be purchased in roll form or as sheeted material. Maximum width of 1300mm in roll form with chosen length. Sheet sizes can be tailored to customer requirements.

## **Properties**

Base Film Thickness		180 ± 3	μ	Micrometer
Total Thickness		197 ± 5	μ	Micrometer
Opacity (base)		>92	%	ISO 2471
Gloss		< 3	%	BYK Gardner
CIE Whiteness		>108	CIE WI	ISO 11475
Thermal Shrinkage	MD	0.51	%	STM D-273
	CD	0.09	%	
Elongation	MD	118	%	ASTM D-882
	CD	52	%	

## **Ink Compatibility**

Synplas PP 180 PI Matte is compatible with all aqueous dyes and pigment inks.

## **Storage**

When stored in a dry, well ventilated area, under ambient conditions, with no excessive variation in temperature, the useable life of the product should be in excess of 5 years.

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