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**DATA SHEET:**

# SuperYUPO Plus FRBW110

**Applications:**

Ideal for durable maps, posters, brochures and catalogues with excellent print quality.

**Product:**

SuperYUPO Plus FRBW110 is a semi-gloss synthetic paper made of polypropylene, inorganic fillers and additives. FRBW110 is designed for both side offset printing with conventional paper inks and does not require the use of specialized foil inks. This grade offers rapid drying times.

As a fully synthetic material FRBW110 provides excellent resistance against water, chemicals and tearing.

**Printing methods:**

Sheet-fed conventional offset printing. Alternative grades available for UV-printing.

**Physical properties (measured values):**

Property	Unit:	Standard:	Value:
Thickness	micron	ISO 534	110
Basis weight	g/m <sup>2</sup>	ISO 536	88.7
Density	g/cm <sup>3</sup>	ISO 534	0.81
Brightness	%	ISO 2470-1	97
Opacity	%	ISO 2471	96.5
Tensile Strength	MD kN/m		6
	CD kN/m		16
Elongation	MD %		130
	CD %		30
Tear strength	MD mN		
	CD mN		
Stiffness (clark)	MD s-value		50
	CD s-value		90
Surface resistance	Ω		1×10 <sup>10</sup>

**Instructions:**

Please refer to our technical guide for printing and finishing recommendations.

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**DATA SHEET:**

# SuperYUPO Plus FRBW130

**Applications:**

Ideal for durable maps, posters, brochures and catalogues with excellent print quality.

**Product:**

SuperYUPO Plus FRBW130 is a semi-gloss synthetic paper made of polypropylene, inorganic fillers and additives. FRBW130 is designed for both side offset printing with conventional paper inks and does not require the use of specialized foil inks. This grade offers rapid drying times.

As a fully synthetic material FRBW130 provides excellent resistance against water, chemicals and tearing.

**Printing methods:**

Sheet-fed conventional offset printing. Alternative grades available for UV-printing.

**Physical properties (measured values):**

Property	Unit:	Standard:	Value:
Thickness	micron	ISO 534	130
Basis weight	g/m <sup>2</sup>	ISO 536	100.1
Density	g/cm <sup>3</sup>	ISO 534	0.77
Brightness	%	ISO 2470-1	97
Opacity	%	ISO 2471	97
Tensile Strength	MD kN/m		7
	CD kN/m		20
Elongation	MD %		130
	CD %		30
Tear strength	MD mN		
	CD mN		
Stiffness (clark)	MD s-value		60
	CD s-value		130
Surface resistance	Ω		1×10 <sup>10</sup>

**Instructions:**

Please refer to our technical guide for printing and finishing recommendations.

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**DATA SHEET:**

# SuperYUPO Plus FRBW150

**Applications:**

Ideal for durable maps, posters, brochures, catalogues and POP-applications with excellent print quality.

**Product:**

SuperYUPO Plus FRBW150 is a semi-gloss synthetic paper made of polypropylene, inorganic fillers and additives. FRBW150 is designed for both side offset printing with conventional paper inks and does not require the use of specialized foil inks. This grade offers rapid drying times.

As a fully synthetic material FRBW150 provides excellent resistance against water, chemicals and tearing.

**Printing methods:**

Sheet-fed conventional offset printing. Alternative grades available for UV-printing.

**Physical properties (measured values):**

Property	Unit:	Standard:	Value:
Thickness	micron	ISO 534	150
Basis weight	g/m <sup>2</sup>	ISO 536	115.5
Density	g/cm <sup>3</sup>	ISO 534	0.77
Brightness	%	ISO 2470-1	97
Opacity	%	ISO 2471	98
Tensile Strength	MD kN/m		8
	CD kN/m		22
Elongation	MD %		130
	CD %		25
Tear strength	MD mN		
	CD mN		
Stiffness (clark)	MD s-value		80
	CD s-value		165
Surface resistance	Ω		1×10 <sup>10</sup>

**Instructions:**

Please refer to our technical guide for printing and finishing recommendations.

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**DATA SHEET:**

# SuperYUPO Plus FRBW200

**Applications:**

Ideal for durable menu cards, brochures, catalogues and POP-applications with excellent print quality.

**Product:**

SuperYUPO Plus FRBW200 is a semi-gloss synthetic paper made of polypropylene, inorganic fillers and additives. FRBW200 is designed for both side offset printing with conventional paper inks and does not require the use of specialized foil inks. This grade offers rapid drying times.

As a fully synthetic material FRBW200 provides excellent resistance against water, chemicals and tearing.

**Printing methods:**

Sheet-fed conventional offset printing. Alternative grades available for UV-printing.

**Physical properties (measured values):**

Property	Unit:	Standard:	Value:
Thickness	micron	ISO 534	200
Basis weight	g/m <sup>2</sup>	ISO 536	158
Density	g/cm <sup>3</sup>	ISO 534	0.79
Brightness	%	ISO 2470-1	97
Opacity	%	ISO 2471	98.5
Tensile Strength	MD kN/m		9
	CD kN/m		29
Elongation	MD %		120
	CD %		25
Tear strength	MD mN		
	CD mN		
Stiffness (clark)	MD s-value		125
	CD s-value		275
Surface resistance	Ω		1×10 <sup>10</sup>

**Instructions:**

Please refer to our technical guide for printing and finishing recommendations.

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**DATA SHEET:**

# SuperYUPO Plus FRBW250

**Applications:**

Ideal for durable menu cards, brochures, catalogues, cards and POP-applications with excellent print quality.

**Product:**

SuperYUPO Plus FRBW250 is a semi-gloss synthetic paper made of polypropylene, inorganic fillers and additives. FRBW250 is designed for both side offset printing with conventional paper inks and does not require the use of specialized foil inks. This grade offers rapid drying times.

As a fully synthetic material FRBW250 provides excellent resistance against water, chemicals and tearing.

**Printing methods:**

Sheet-fed conventional offset printing. Alternative grades available for UV-printing.

**Physical properties (measured values):**

Property	Unit:	Standard:	Value:
Thickness	micron	ISO 534	250
Basis weight	g/m <sup>2</sup>	ISO 536	200
Density	g/cm <sup>3</sup>	ISO 534	0.8
Brightness	%	ISO 2470-1	97
Opacity	%	ISO 2471	99
Tensile Strength	MD kN/m		11
	CD kN/m		36
Elongation	MD %		110
	CD %		25
Tear strength	MD mN		
	CD mN		
Stiffness (clark)	MD s-value		200
	CD s-value		420
Surface resistance	Ω		1×10 <sup>10</sup>

**Instructions:**

Please refer to our technical guide for printing and finishing recommendations.

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**DATA SHEET:**

# SuperYUPO Plus FRBW300

**Applications:**

Ideal for durable menu cards, brochures, catalogues, cards and POP-applications with excellent print quality.

**Product:**

SuperYUPO Plus FRBW300 is a semi-gloss synthetic paper made of polypropylene, inorganic fillers and additives. FRBW300 is designed for both side offset printing with conventional paper inks and does not require the use of specialized foil inks. This grade offers rapid drying times.

As a fully synthetic material FRBW300 provides excellent resistance against water, chemicals and tearing.

**Printing methods:**

Sheet-fed conventional offset printing. Alternative grades available for UV-printing.

**Physical properties (measured values):**

Property	Unit:	Standard:	Value:
Thickness	micron	ISO 534	300
Basis weight	g/m <sup>2</sup>	ISO 536	234
Density	g/cm <sup>3</sup>	ISO 534	0.78
Brightness	%	ISO 2470-1	97
Opacity	%	ISO 2471	99.5
Tensile Strength	MD kN/m		12
	CD kN/m		40
Elongation	MD %		100
	CD %		25
Tear strength	MD mN		
	CD mN		
Stiffness (clark)	MD s-value		270
	CD s-value		600
Surface resistance	Ω		1×10 <sup>10</sup>

**Instructions:**

Please refer to our technical guide for printing and finishing recommendations.