UPM Fine offset paper

The name says it all. UPM Fine. It provides high brightness, optimal opacity and outstanding suitability for processing. UPM Fine is a flexible multi-use paper. It's ideal grade for flyers, business reports, magazines and posters.

Recommended end-uses

Advertising material | Bespoke forms | Business forms | Correspondence | Customized direct mail | Direct mailing | Envelopes | Inserts | Transactional / transpromotional documents

Product information

Regions	Asia-Pacific
Business contact	UPM Specialty Papers
Category	Sheet fed offset papers | Heatset web offset papersColdset web offset papers
Description	Consistent uncoated woodfree product for high speed web offset and sheet fed printing.
Grade	Woodfree uncoated (WFU)
Finish	Machine finished
Furnish	Chemical pulp
Printing method	B/W laser printing (dry toner) | High-speed B&W inkjet printing | Offset | B/W inkjet printing | Digital reel fed printing | Sheet fed offset | Heatset web offset | Coldset web offset
Format/Size	Reels | Sheets
Reel diameter (cm)	100cm
Reel width (cm)	>=50cm
Core (mm)	76mm
Wrapping	Strong kraft paper

Certificates

Product Compliance	94/62 EC Heavy Metal Certificate | EN 71-3: Safety of Toys
Fibre Certificates	FSC Chain-of-Custody | PEFC Chain-of-Custody
Mill Certificates	ISO 14001 | ISO 9001 | ISO 45001

Technical target values

Basis weight (ISO 536) (g/m²)	**60.0**	**70.0**	**80.0**	**90.0**	**100.0**	**120.0**
CIE Whiteness (ISO 11475)	145.0	145.0	145.0	145.0	145.0	145.0
Opacity ISO (2471) (%)	88.0	91.0	93.0	94.0	95.0	97.0
Moisture	6.0	6.0	6.0	6.0	6.0	6.0
Roughness Bendtsen (ISO 8791-2) (ml/min)	160.0	170.0	180.0	180.0	180.0	180.0

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Please note: Technical values are informative and subject to production variations.

Prepress guidelines

Max. Total Area (TAC%)	300
ICC Paper profile	PSO_Uncoated_ISO12647_eci.icc
Characterisation data	FOGRA47L.txt
TVI Curve	C(CMY), D(K)
AM Screen recommendation (l/cm)	60
FM Screen recommendation (µm)	30
Measurement condition for D50	ISO 13655, M0; D50/2°
Measurement equipment	Techkon RS800