

UPM Fine H

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 | Books | Business forms | Direct mailing | Magazines | Newspaper supplements | Posters

Product information

Regions	Africa Europe Middle East South America
Business contact	UPM Communication Papers
Category	Heatset web offset papers
Grade	Woodfree uncoated (WFU)
Finish	Machine finished
Furnish	Hardwood and softwood sulphate pulp
Printing method	Coldset web offset Heatset web offset Waterless printing
Format/Size	Reels
Reel diameter (cm)	100,0 - 140,0
Reel width (cm)	17,0 - 283,0
Core (mm)	70,0 / 76,0 / 152,0
Wrapping	Strong moisture proof polyethylene laminated kraft paper
Note	FSC® and PEFC on request but subject to availability.

Certificates

Product Compliance	EU Ecolabel EN 71-3: Safety of Toys 94/62 EC Heavy Metal Certificate BfR Food Certificate Permanent Paper ISO 9706
Fibre Certificates	FSC Chain-of-Custody PEFC Chain-of-Custody
Mill Certificates	EES+ ISO 50001 EMAS ISO 9001 ISO 45001 ISO 14001

Technical target values

Basis weight (ISO 536) (g/m²)	60.0	70.0	80.0	90.0	100.0	110.0	120.0	140.0	150.0	170.0	190.0
	250.0	300.0	350.0								
Thickness (ISO 534) (µm)	75.0	88.0	100.0	113.0	125.0	132.0	144.0	161.0	173.0	187.0	209.0
	275.0	330.0	385.0								
Bulk (ISO 534) (cm³/g)	1.25	1.25	1.25	1.25	1.25	1.20	1.20	1.15	1.15	1.10	1.10
	1.10	1.10	1.10								
Brightness D65 (ISO 2470-2) (%)	105	105	105	105	105	105	105	105	105	105	105
	105	105	105								
CIE Whiteness (ISO 11475)	150	150	150	150	150	150	150	150	150	150	150
	150	150	150								
L-value D65 (D65/10°) (ISO 5631-2)	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	93.9	93.9	93.9								
a-value D65 (D65/10°) (ISO 5631-2)	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
	3.9	3.9	3.9								
b-value D65 (D65/10°) (ISO 5631-2)	-14.0	-14.0	-14.0	-14.0	-14.0	-14.0	-14.0	-14.0	-14.0	-14.0	-14.0
	-14.0	-14.0	-14.0								
Opacity ISO (2471) (%)	87.0	90.0	92.5	94.5	95.5	96.5	97.0	98.0	98.5	99.0	99.5
	99.7	99.9	99.9								
Roughness Bendtsen (ISO 8791-2) (ml/min)	200.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0
	250.0	250.0	250.0								

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

Prepress guidelines

Characterisation data	Fogra 47, Fogra 52
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