

UPM Fine (SFO)

Technical details for Nordland

Production Unit:	Nordland
Description:	High white, woodfree uncoated paper (WFU).
Printing method:	Sheet fed offset
End use:	Magazines, Books, Direct mailing, Business forms, Newspaper supplements, Advertising material, Posters
Furnish:	Hardwood and softwood sulphate pulp
Finish:	Supercalendered, Machine finished
Wrapping:	Strong moisture proof polyethylene laminated kraft paper, Strong kraft paper
Certificates and labels:	BfR Food Certificate, EMAS, ISO 9001, Permanent Paper ISO 9706, EN 71/3:1988 D Safety of Toys, European Eco-label, FSC Chain-of-Custody, 94/62 EC Heavy Metal Certificate, ISO 14001, PEFC Chain-of-Custody

Technical Target Values for Nordland

Basis Weight (g/m ²)	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
Brightness D65 (%)	104	104	104	104	104	104	104	104	104	104	104	104	104
CIE Whiteness (.)	147	147	147	147	147	147	147	147	147	147	147	147	147
Opacity (%)	86	88	91	93	94	95	95.5	97.5	98	98.5	99	99.5	99.9
Bulk (cm ³ /g)	1.28	1.27	1.27	1.25	1.23	1.21	1.17	1.14	1.14	1.1	1.1	1.1	1.1
Roughness Bendtsen (ml/min)	250	250	250	250	250	280	280	280	230	230	230	250	250
Opacity ISO (%)	86	88	91	93	94	95	95.5	97.5	98	98.5	99	99.5	99.9
Thickness (µm)	77	90	100	114	123	130	140	160	172	185	205	275	335

