

NOVATECH gloss

Production Unit:	Nordland
Description:	High-white, woodfree coated paper (WFC). Many business areas particularly appreciate the glossy surface of UPM Finesse Gloss that reproduces brilliant images in fine detail.
Printing method:	Sheet fed offset
End use:	Books, Magazines, Annual reports, Newspaper supplements, Magazine covers, Catalogues, Brochures, Advertising material, Direct mailing
Furnish:	Hardwood and softwood sulphate pulp, Northern softwood kraft pulp
Finish:	Gloss
Wrapping:	Strong moisture proof polyethylene laminated kraft paper, Strong kraft paper
Certificates:	PEFC Chain-of-Custody, BfR Food Certificate, Permanent Paper ISO 9706, EMAS, ISO 9001, ISO 14001, FSC Chain-of-Custody, EN 71/3:1988 D Safety of Toys, 94/62 EC Heavy Metal Certificate

Trim Properties

	PM 1	PM 2	PM 4
Trimmed Width (cm)	470	470	950
Maximum reel width (cm)	250	250	250
Minimum reel width (cm)	24	24	24
Maximum reel diameter (cm)	130	130	130
Minimum reel diameter (cm)	100	100	100
Maximum reel weight (kg)	5,000	5,000	5,000
Core options (mm)	70, 76, 152	70, 76, 152	70, 76, 152

Technical Target Values for Nordland

	90.0	100.0	115.0	130.0	135.0	150.0	170.0	200.0	220.0	250.0	270.0	300.0	350.0
Basis Weight (g/m ²)	90.0	100.0	115.0	130.0	135.0	150.0	170.0	200.0	220.0	250.0	270.0	300.0	350.0
Brightness D65 (%)	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
CIE Whiteness (%)	130	130	130	130	130	130	130	130	130	130	130	130	130
Opacity ISO (%)	90.5	92.5	94.5	96	96	97	97.5	98.5	99	99.3	99.5	99.6	99.8
Gloss Hunter (%)	74	76	78	78	78	79	79	79	71	79	71	79	78
Bulk (cm ³ /g)	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.75	0.85	0.77	0.85	0.8	0.82
Gloss Lehmann (%)	72	74	76	76	76	77	77	77	69	77	69	77	76
Smoothness PPS 10 (µm)	0.85	0.85	0.85	0.85	0.85	0.85	0.8	0.9	1	1	1.1	1.05	1.15
Stiffness MD (Nmm)	0.18	0.23	0.33	0.55	0.55	0.8	1.2	1.8	3.2	3.7	6.9	7.7	12.5
Thickness (µm)	68	75	86	99	99	113	127	148	185	188	235	235	284
Stiffness CD (Nmm)	0.12	0.15	0.2	0.33	0.33	0.5	0.75	1.25	2.3	2.65	4.8	5.1	7.7