

# NOVATECH matt

<b>Production Unit:</b>	Nordland
<b>Description:</b>	High-white, woodfree coated paper (WFC).
<b>Printing method:</b>	Sheet fed offset
<b>End use:</b>	Catalogues, Newspaper supplements, Direct mailing, Books, Magazine covers, Brochures, Annual reports, Advertising material, Magazines
<b>Furnish:</b>	Hardwood and softwood sulphate pulp
<b>Finish:</b>	Matt
<b>Wrapping:</b>	Strong moisture proof polyethylene laminated kraft paper, Strong kraft paper
<b>Certificates:</b>	BfR Food Certificate, EN 71/3:1988 D Safety of Toys, 94/62 EC Heavy Metal Certificate, FSC Chain-of-Custody, Permanent Paper ISO 9706, ISO 14001, PEFC Chain-of-Custody, ISO 9001, EMAS

## 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 <sup>2</sup> )	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
Opacity ISO (%)	91	92.5	94.5	96.5	96.5	97.5	98	98.8	99	99.5	99.6	99.8	99.9
Brightness D65 (%)	101	101	101	101	101	101	101	101	101	101	101	101	101
Gloss Hunter (%)	33	33	33	33	33	34	36	39	39	39	39	39	39
Bulk (cm <sup>3</sup> /g)	0.87	0.87	0.87	0.9	0.9	0.93	0.95	0.91	1	0.93	1	0.96	0.99
Gloss Lehmann (%)	29	29	29	29	29	30	32	35	35	35	35	35	35
CIE Whiteness (%)	132	132	132	132	132	132	132	132	132	132	132	132	132
Smoothness PPS 10 (µm)	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.5	2.2	2.5	2.5	2.8
Stiffness MD (Nmm)	0.24	0.32	0.48	0.9	0.9	1.4	2.05	3	4.9	7	10.5	12.2	21
Thickness (µm)	76.5	85	99	119	119	135	155	183	222	231	280	292	350
Stiffness CD (Nmm)	0.13	0.2	0.3	0.5	0.5	0.8	1.3	2	3.2	4.8	7.5	8.5	13.3