

UNCOATED

WOODFREE PAPER



BGPPL

Range of Uncoated Papers from BGPPL

Bilt Graphic Paper Products Limited (BGPPL) is a leading producer of Woodfree Coated & Uncoated range of products. BGPPL produces the finest varieties of paper through state of art technology that has already made a mark across the globe.

BGPPL has its manufacturing facilities at Bhigwan, Ballarpur & Ashti in Maharashtra.

Ballarpur & Ashti units are focussed on providing Premium Uncoated Woodfree High Bright Writing & Printing papers & Premium Quality Office Papers. This paper is manufactured from 100% Virgin Wood fibres that have been responsibly managed & harvested under farm forestry programme.

BGPPL's products are serviced through a nationwide network of distributors & are exported to more than 55 countries across the globe including USA, Australia & Europe.

Customers rely on our signature brands including Majestic Print, Vector Print, Supernova, Maplitho NSD Premium, Infinity Bond, Rapid Copy Paper, KoKo Copy Paper etc to educate, communicate & advertise.

Mill Certification

- ISO 9001** The manufacturing quality is managed according to the requirements of ISO 9001.
- ISO 14001** The environmental aspects of the mill are managed according to the requirements of ISO 14001.
- ISO 45001** The health and safety of the mill employees are managed according to the requirements of ISO 45001.
- ISO 50001** The energy in production process is managed according to ISO 50001.
- FOREST CERT** The mill is PEFC certified (PEFC/42-31-05) and wood raw material originates from sustainable and controlled sources.

Segments

Schools & Publications
Annual Reports
Letter Heads
Advertising
Commercial Printing
Direct mails, Bills & Statements
Paper bags
Industrial packaging
Coating base
Office papers

Product Certification

- US FDA** The product passes the US FDA 21 CFR 176.170 test for direct contact with dry and fatty food stuff.
- REACH** The product is in compliance with the REACH regulations for purity requirements (heavy metal content).
- RoHS** The product is in compliance with the RoHS regulations for restriction of Hazardous substances.
- BIS** BIS certified product on request / subject to availability
- ECF** The pulp used is without elemental chlorine (ECF).

Product Highlights

High Bulk, Brightness, Opacity, Stiffness & Strength Properties
Excellent formation
Alkaline sized
Available in widest gsm range of 50 – 150 gsm
Synchro cut material

Suitable for Offset and Digital printing
Available in both sheet and reels
Product is fully recyclable



Technical Specifications

BGPPL MAJESTIC PRINT

Properties	Unit	50/52gsm	54/55gsm	57/58gsm	60gsm	64gsm	68/70gsm	80gsm	90gsm	100gsm	110/120gsm*	Tolerance
Substance	gsm	50	54/55	57/58	60	64	68/70	80	90	100	110/120	±2.5% (AVG.)
Bulk	cc/g	1.35	1.35	1.35	1.35	1.32	1.30	1.28	1.25	1.20	1.18	Min.
Brightness, ISO	%	92	92	92	92	92	92	92	92	92	92	Min.
Whiteness, CIE	%	130	130	130	130	130	130	130	130	130	130	Min.
Opacity, ISO	%	84	86	88	89	90	91	92	93	94	94	Min.
Bendtsen Smoothness (T)	ml/min	150	150	150	150	150	150	150	150	150	150	Max.
Bendtsen Smoothness (B)	ml/min	200	200	200	200	200	200	200	200	200	200	Max.
Gurley Porosity	s/100ml	15	15	15	15	15	15	20	20	20	20	Min.
Wax Pick	No	14	14	14	14	14	14	14	14	12	12	Min.
Cobb-60	gsm	25	25	25	25	30	30	30	30	30	30	Max.
Breaking Length-MD	meter	4000	4000	4000	4000	4000	4000	4000	3800	3800	3800	Min.
Breaking Length-CD	meter	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	Min.

BGPPL VECTOR PRINT

Properties	Unit	50/52gsm	54/55gsm	57/58gsm	60gsm	64gsm	68/70gsm	80gsm	90gsm	100gsm	110/120gsm*	Tolerance
Substance	gsm	50	54/55	57/58	60	64	68/70	80	90	100	110/120	±2.5% (AVG.)
Bulk	cc/g	1.40	1.40	1.37	1.35	1.32	1.30	1.28	1.25	1.20	1.18	Min.
Brightness, ISO	%	92	92	92	92	92	92	92	92	92	92	Min.
Whiteness, CIE	%	150	150	150	150	150	150	150	150	150	150	Min.
Opacity, ISO	%	88	89	90	91	92	93	95	96	96	96	Min.
Bendtsen Smoothness (T)	ml/min	250	250	250	250	150	150	150	150	150	150	Max.
Bendtsen Smoothness (B)	ml/min	250	250	250	250	200	200	200	200	200	200	Max.
Gurley Porosity	s/100ml	15	15	15	15	15	15	20	20	20	20	Min.
Wax Pick	No	14	14	14	14	14	14	14	14	12	12	Min.
Cobb-60	gsm	25	25	25	25	30	30	30	30	30	30	Max.
Breaking Length-MD	meter	4000	4000	4000	4000	4000	4000	4000	3800	3800	3800	Min.
Breaking Length-CD	meter	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	Min.

BGPPL SUPERNOVA (HB)

Properties	Unit	60/66gsm	68/70gsm	75/80gsm	90gsm	95gsm	100gsm	110gsm	120gsm	140/150gsm*	Tolerance
Substance	gsm	70	70	80	90	95	100	110	120	140/150	±2.5% (AVG.)
Bulk	cc/g	1.4	1.4	1.4	1.4	1.38	1.38	1.37	1.37	1.37	Min.
Brightness, ISO	%	91	91	91	91	91	91	91	91	91	Min.
Whiteness, CIE	%	120	120	120	120	120	120	120	120	120	Min.
Opacity, ISO	%	88	90	91	92	93	94	95	95	96	Min.
Bendtsen Smoothness (T)	ml/min	175	175	175	175	175	175	175	175	175	Max.
Bendtsen Smoothness (B)	ml/min	275	275	275	275	275	275	275	275	275	Max.
Gurley Porosity	s/100ml	10	10	10	10	10	10	15	15	15	Min.
Wax Pick	No	13	13	13	13	13	13	13	13	13	Min.
Cobb-60	gsm	30	30	30	30	30	30	30	30	30	Max.
Breaking Length-MD	meter	4000	4000	4000	4000	4000	4000	4000	4000	4000	Min.
Breaking Length-CD	meter	2200	2200	2200	2200	2200	2200	2200	2200	2200	Min.

BGPPL SUPERNOVA - WHITE

Properties	Unit	70gsm	80gsm	90gsm	95gsm	100gsm	110gsm	120gsm	130gsm	140/150gsm*	Tolerance
Substance	gsm	70	80	90	95	100	110	120	130	140/150	±2.5% (AVG.)
Bulk	cc/g	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	Min.
Brightness, ISO	%	91	91	91	91	91	91	91	91	91	Min.
Whiteness, CIE	%	120	120	120	120	120	120	120	120	120	Min.
Opacity, ISO	%	90	92	93	93	95	95	95	95	96	Min.
Bendtsen Smoothness (T)	ml/min	170	170	170	170	170	170	170	170	170	Max.
Bendtsen Smoothness (B)	ml/min	250	250	250	250	250	250	250	250	250	Max.
Gurley Porosity	s/100ml	10	10	10	10	10	15	15	15	15	Min.
Wax Pick	No	13	13	13	13	13	13	13	13	13	Min.
Cobb-60	gsm	30	30	30	30	30	30	30	30	30	Max.
Breaking Length-MD	meter	4000	4000	4000	4000	4000	4000	4000	4000	4000	Min.
Breaking Length-CD	meter	2200	2200	2200	2200	2200	2200	2200	2200	2200	Min.

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Technical Specifications

BGPPPL MAPLITHO NSD PREMIUM											
Properties	Unit	56/58gsm	60gsm	64gsm	68/70gsm	75gsm	80gsm	90/95gsm	100gsm	120gsm*	Tolerance
Substance	gsm	56/58	60	64	68/70	75	80	90/95	100	120	±2.5% (AVG.)
Bulk	cc/g	1.25	1.25	1.25	1.25	1.2	1.2	1.2	1.2	1.2	Min.
Brightness, ISO	%	91	91	91	91	91	91	91	91	91	Min.
Whiteness, CIE	%	140	140	140	140	140	140	140	140	140	Min.
Opacity, ISO	%	89	91	92	93	94	94	95	95	96	Min.
Bendtsen Smoothness (T)	ml/min	130	130	130	130	130	130	150	150	150	Max.
Bendtsen Smoothness (B)	ml/min	150	150	150	150	150	150	200	200	200	Max.
Gurley Porosity	s/100ml	15	15	15	15	15	15	15	15	15	Min.
Wax Pick	No	12	12	12	12	12	12	12	12	12	Min.
Cobb-60	gsm	30	30	30	30	30	30	30	30	30	Max.
Breaking Length-MD	meter	4000	4000	4000	4000	4000	4000	4000	4000	4000	Min.
Breaking Length-CD	meter	2000	2000	2000	2000	2000	2000	2000	2000	2000	Min.

BGPPPL MAPLITHO NATURAL SHADE (HB)									
Properties	Unit	60gsm	68gsm	70gsm	78gsm	80gsm	90gsm	Tolerance	
Substance	gsm /	60	68	70	78	80	90	±2.5% (AVG.)	
Bulk	cc/g	1.4	1.4	1.4	1.4	1.4	1.4	Min.	
Brightness, ISO	%	86	86	86	86	86	86	Min.	
Opacity, ISO	%	85	86	86	87	87	89	Min.	
Bendtsen Smoothness (T)	ml/min	175	175	175	175	175	175	Max.	
Bendtsen Smoothness (B)	ml/min	275	275	275	275	275	275	Max.	
Gurley Porosity	s/100ml	15	15	15	15	15	15	Min.	
Wax Pick	No	13	13	13	13	13	13	Min.	
Cobb-60	gsm	30	30	30	30	30	30	Max.	
Breaking Length-MD	meter	4000	4000	4000	4000	4000	4000	Min.	
Breaking Length-CD	meter	2200	2200	2200	2200	2200	2200	Min.	

BGPPPL MAPLITHO COPIER GRADE										
Properties	Unit	58gsm	60gsm	64gsm	68/70gsm	80gsm	90gsm	95gsm	100gsm	Tolerance
Substance	gsm	58	60	64	68/70	75	80	90/95	100	±2.5% (AVG.)
Bulk	cc/g	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	Min.
Brightness, ISO	%	88	88	88	88	88	88	88	88	Min.
Opacity, ISO	%	91	91	92	93	94	94	95	95	Min.
Bendtsen Smoothness (T)	ml/min	150	150	150	150	150	150	150	150	Max.
Bendtsen Smoothness (B)	ml/min	225	225	225	225	225	225	225	225	Max.
Gurley Porosity	s/100ml	15	15	15	15	15	15	15	15	Min.
Wax Pick	No	12	12	12	12	12	12	12	12	Min.
Cobb-60	gsm	30	30	30	30	30	30	30	30	Max.
Breaking Length-MD	meter	4000	4000	4000	4000	4000	4000	4000	4000	Min.
Breaking Length-CD	meter	2000	2000	2000	2000	2000	2000	2000	2000	Min.

BGPPPL EDGE PLUS							
Properties	Unit	90gsm	100gsm	110gsm	115gsm	120gsm	Tolerance
Substance	gsm	90	100	110	115	120	±2.5%
Bulk	cc/gm	1.25	1.25	1.25	1.25	1.25	Min.
Brightness, ISO	%	91	91	91	91	91	Min.
Whiteness, CIE	%	120	120	120	120	120	Min.
Opacity, ISO	%	91	92	94	95	95	Min.
Bendtsen Smoothness (T)	ml/min	150	150	150	150	150	Max.
Bendtsen Smoothness (B)	ml/min	200	200	200	200	200	Max.
Gurley Porosity	s/100ml	10	10	10	10	10	Min.
Wax Pick	No	13	13	13	13	13	Min.
Cobb-60	gsm	30	30	30	30	30	Max.
Breaking Length-MD	meter	5500	5500	5500	5500	5500	Min.
Breaking Length-CD	meter	3000	3000	3000	3000	3000	Min.
Tear Factor		70	70	70	70	70	Min.
Burst Factor		28	28	28	28	28	Min.

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