



LWC Paper (Lightweight Coated Paper) Technical Specification

Product Description & Applications

LWC paper (Lightweight Coated Paper) is a lightweight, coated printing paper with excellent smoothness and printability. It is widely used for magazines, catalogs, flyers, and promotional materials due to its high brightness and sharp image reproduction.

- Magazines & Catalogs**: Used in fashion, lifestyle, and product catalogs.
- Brochures & Flyers**: Ideal for promotional campaigns and advertisements.
- Newspaper Inserts**: Cost-effective for high-volume advertising materials.
- Retail & Packaging Labels**: Used for lightweight but high-quality print applications.

Technical Specifications

Property	Unit	Specification	Test Method
Basis Weight	g/m ²	48, 52, 58, 65, 70	ISO 536
Thickness	μm	55 ± 3, 60 ± 3, 70 ± 3, 80 ± 3	ISO 534
Brightness	%	≥ 80	ISO 2470
Opacity	%	≥ 85	ISO 2471
Gloss (75°)	GU	≥ 50	ISO 8254-1
Tensile Strength (MD)	N/15mm	≥ 40	ISO 1924-2
Tensile Strength (TD)	N/15mm	≥ 20	ISO 1924-2
Smoothness (Bendtsen)	ml/min	≤ 200	ISO 8791-2
Moisture Content	%	5-7	ISO 287
Surface Strength (Pick Test)	m/s	≥ 1.5	TAPPI T-514
Ink Absorption	%	Optimized for offset and gravure printing	ISO 2846
Recyclability	%	100%	Environmental Standard

Additional Features

- High-quality printing performance with excellent color reproduction.
- Suitable for high-speed web printing (offset and gravure printing).
- Optimized surface for ink absorption and drying.
- Lightweight and cost-effective for mass print production.
- Available in matte and glossy finishes.

Storage & Handling

- Store in a cool, dry environment (Temperature: 10-25°C, Humidity: 40-60%).
- Keep away from direct sunlight and excessive humidity.
- Handle with care to prevent creases and deformation.

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