

BOPP Synthetic Paper

-----TPU release film

●LMN Series

Properties:

- one side glossy and the other side matte
- color: white and opaque
- density: 0.62-0.64 g/cm³
- no corona treatment
- main thickness: 67um, 119um

●LMM Series

Properties:

- double sided matte
- color: white and opaque
- density: 0.60-0.70 g/cm³
- no corona treatment
- main thickness: 72um, 119um

Typical values:

Test items		Unit	Test Method	Standard requirement
Thickness		μm	GB/T 6672-2001	67-119
Density		g/cm ³	GB/T 6343-2009/ISO 845:2006	0.60-0.70
Tensile strength at break	MD≥	Mpa	ASTM D-882	40
	TD≥	Mpa		95
Elongation at break	MD≤	%		165
	TD≤	%		30
Heat shrinkage 120°C/2min	MD≤	%	120°C/2min	2.5
	TD≤	%		1.5
60° Gloss	Glossy side≥	%	GB 8807-88	90
	Matte side≤	%		7
Whiteness (Glossy side)	≥	%	/	88(-3+2)
Whiteness (Matte side)	≥	%		92±2
Haze	≥	%		95

Light transmittance	$\leq$	%	GB/T 2410-2008	18
Upper surface tension	$\geq$	mN/m	ASTM D-2578	None
Lower surface tension	$\geq$	mN/m		None

