

Fouley LMQ In-Mold Label Series features one matte side and one glossy side. It is white opaque with a delicate and distinct layered texture. Featuring double-sided corona treatment, the matte side enables precise printing with high color reproducibility and stable adhesion. Specially designed for in-mold labels, it is suitable for a wide range of premium packaging and label printing applications, delivering exquisite and durable finished products. It is a high-quality specialized material for the label printing industry.

Properties:

Single matte & single glossy, white opaque

Density: 0.55–0.95 g/cm³

Double-sided corona treatment

Printable on matte side

Standard thickness: 45–80 μm

Typical values:

Testing items		Unit	Testing Method	Requirement
Thickness		μm	GB/T 6672-2001	45-80 64-73 (Maer contro)
Density		g/cm ³	GB/T 6343-2009/ISO 845:2006	0.55-0.95
Tensile strength	MD≥	Mpa	GB/T 1040.3-2006/ISO 527-3:1995	65
	TD≥	Mpa		100
Elongation at break	MD≤	%		180
	TD≤	%		30
Heatshrinkage 120℃/2min	MD≤	%	BB/T 0002-2008	2.5
	TD≤	%		1.5
Gloss 60° ∠	Glossy ≥	%	GB 8807-88	75
	Matte ≤	%		15
Haze	≥	%	GB/T 2410-2008	95
Light transmittance	≤	%		18
Whiteness (single layer)	≥(Glossy)	%	/	88(-3+2)
	≥(Matte)	%		92±2
Coefficient of Friction Static / Kinetic	Matt vs. Matt	≤	GB/T 10006-2021/ISO 8295:1995	0.5
	Matt vs. Glossy	≤		0.5
	Glossy vs. Glossy	≤		0.8
Top corona surface tension	≥	Dyn/cm	GB/T 14216-2008/ISO 8296:2003	38-39 Flame corona intensity shall be controlled within limits.
Bottom corona surface tension	≥	Dyn/cm		42

Free from bubbles, fisheyes, impurities, scratches, oil stains, streaking, wrinkles, ridging, holes, uneven stretching, burrs, star-shaped end faces, color differences, longitudinal lines, bunching, and streaks.

Application:

Suitable for in-mold label printing of food, beverages, dairy products and daily chemicals.

Ideal for premium packaging of toiletries, cosmetics, grain, oil, condiments and daily necessities.

Compatible with injection molding, blow molding and in-mold labeling, delivering exquisite and durable results.

Widely used for high-end labeling of barrels, bottles and boxed products.

Double-sided corona treatment ensures accurate printing and high color reproduction, making it a premium specialty material for in-mold labels.

