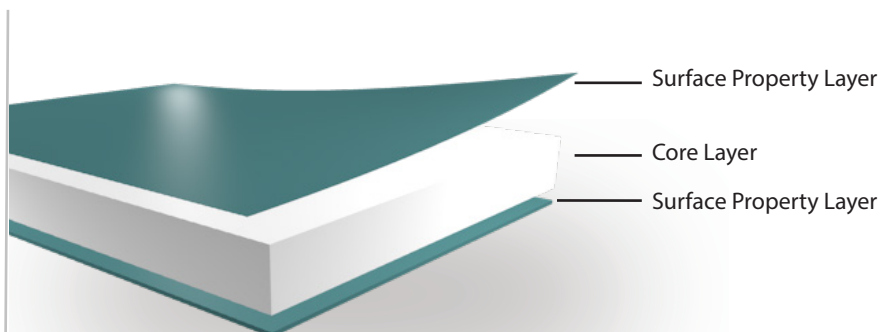


LUMIRROR[®] U8D

Applications

- Dry film photo-resist



Lumirror U8D

VERY CLEAR THREE LAYER
PET FILM DESIGNED FOR
DFR APPLICATIONS

Summary

U8D is a plain film with improved coefficient of friction (COF) and good handleability characteristics. This film is a balanced shrinkage polyester film designed specifically for dry film photo-resist applications.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES	
Thickness		-	micron	16.3	18.6
Nominal Yield		-	m2/kg	43.8	38.4
F-5	MD	ASTM D882	Mpa	110	112
	TD			105	111
Tensile Strength at Break	MD	ASTM D882	Mpa	282	289
	TD			255	267
Young's Modulus	MD	ASTM D882	Mpa	5,119	5,080
	TD			5,227	5,276
Elongation at Break	MD	ASTM D882	%	120	110
	TD			120	130
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	2.1	1.9
	TD			1.8	2.1
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ_s	0.3	0.3
			μ_b	0.4	0.4
Haze (1 sheet)		ASTM 1003	%	2.1	2.0
Internal Haze		Toray Method	%	0.9	0.9
Surface Roughness Ra (outside surface)		DIN 4768	nm	18.0	18.0
Surface Roughness Ra (inside surface)		DIN 4768	nm	18.0	18.0

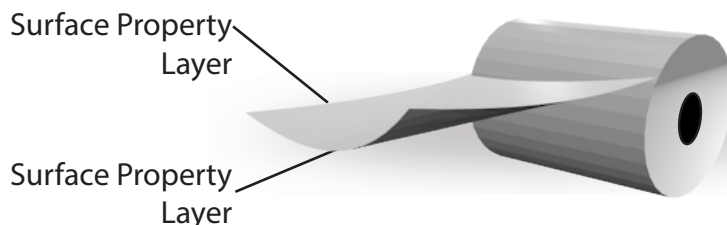
Key Features

- Co-extruded three layer structure allows for low internal haze, improved imaging and excellent handling

Similar Products

- TA3L
- F6L

Winding Direction



* These values do not constitute specific binding specifications

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