

# Lumirror. F7R

### **Applications**

- Solar Window
- Release liner
- Casting

Surface Property Layer

Core Layer

Surface Property Layer

**Product Data Sheet** 

# VERY CLEAR THREE LAYER PET FILM

## Summary

F7R is an economy grade solar film with heat shrinkage properties designed to satisfy the needs of specific release applications.

F7R surface and optical properties are strictly controlled by co-extrusion technology.

www.toraytpa.com rimarketing@toraytpa.com Toray Plastics (America), Inc. 50 Belver Avenue North Kingstown, RI 02852 1.800.453.6866



#### 🖉 Technical Data \*

PROPERTIES Thickness		METHOD	UNITS micron	TYPICAL VALUES		
		-		23.4	30	36.1
Nominal Yield		-	m2/kg	30.5	23.8	19.8
F-5	MD	ASTM D882	Мра 🗕	104	104	104
	TD			98	98	96
Tensile Strength at Break	MD	ASTM D882	Мра 🗕	218	208	182
	TD			247	234	196
Elongation at Break	MD	ASTM D882	% -	160	170	170
	TD			130	130	130
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	1.4	1.4	1.2
	TD			0.2	0.1	0.2
Heat Shrinkage (190°C for 5 minutes)	MD	ASTM D1204	% -	2.7	2.6	2.0
	TD			0.7	0.4	0.5
Coefficient of Friction	A-side vs. B-side	de ASTM D1894	μ <sub>s</sub>	0.4	0.4	0.4
			$\mu_{D}$	0.3	0.3	0.3
Haze (1 sheet)		ASTM 1003	%	2.1	2.5	2.2

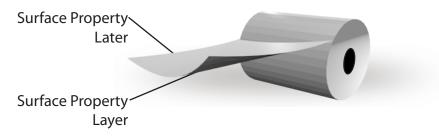
#### Key Features

- Co-extruded three layer structure provides low haze and friction
- Low heat shrinkage

#### Similar Products

- F7S
- U80
- TA30

#### Winding Direction



#### \* These values do not constitute specific binding specifications

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