

PROCITE™ DWF Clear LD

Polystyrene Window Film

The Dow Chemical Company

Message:

DOW™ Window Film (DWF) Clear LD is a low dusting, translucent, oriented, polystyrene film designed for window envelope patches. Available in thicknesses of 1.15, 1.25, and 1.50 mil (29, 32 and 37 µm).

General Information			
Appearance	Translucent		
Forms	Film		
Processing Method	Extrusion Coating		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	29	µm	ASTM D374
Film Thickness - Recommended / Available	1.15; 1.25; 1.50 mil (29; 32; 37 µ)		
Secant Modulus	ASTM D882		
1% Secant, MD : 29 µm	3000	MPa	
1% Secant, TD : 29 µm	2960	MPa	
Tensile Strength	ASTM D882		
MD : Yield, 29 µm	82.7	MPa	
TD : Yield, 29 µm	75.8	MPa	
Tensile Elongation	ASTM D882		
MD : Break, 29 µm	20	%	
TD : Break, 29 µm	40	%	
Elmendorf Tear Strength - TD (29 µm)	4.6	g	ASTM D1922
Yield (29.2 µm)	32.6	m ² /kg	ASTM D2103
Optical	Nominal Value	Unit	Test Method
Gloss (60°, 29.2 µm)	150		ASTM D2457
Haze (29.2 µm)	8.0	%	ASTM D1003

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