

# OPTICITE™ 620

Label Film

The Dow Chemical Company

Message:

OPTICITE™ 620 Polystyrene Label Film is biaxially oriented, dimensionally stable, low curl, and corona treated. It is designed for pressure-sensitive, self-adhesive label applications.

General Characteristics:

Color: Clear, glossy

Width: 50-62 inch (1270-1575 mm) master rolls and 20-31 inch (510-785 mm) slit rolls

Corona treated: Untreated or outside surface only

Complies with U.S. FDA regulations for food contact applications, EU, No 10/2011, and German regulation for food contact BfR recommendation V&VI. Consult these regulations for complete details.

General Information			
Agency Ratings	BfR Food Contact, Unspecified Rating		
	EU No 10/2011		
	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Film		
Films	Nominal Value	Unit	Test Method
Film Thickness - Recommended / Available	1.25; 1.5; 2.0; 2.25; 2.5; 3.0, 4.0 mil (32; 38; 51; 57; 63; 76; 102 μ)		ASTM D374
Secant Modulus			ASTM D882
1% Secant, MD	2960	MPa	
1% Secant, TD	2760	MPa	
Tensile Strength			ASTM D882
MD : Yield	72.4	MPa	
TD : Yield	72.4	MPa	
Tensile Elongation			ASTM D882
MD : Break	45	%	
TD : Break	10	%	
Treatment	60	dyne/cm	ASTM D2578
Yield			ASTM D4321
31.8 μm	30.0	m <sup>2</sup> /kg	
38.1 μm	25.0	m <sup>2</sup> /kg	
50.8 μm	18.8	m <sup>2</sup> /kg	
57.2 μm	16.7	m <sup>2</sup> /kg	
63.5 μm	15.0	m <sup>2</sup> /kg	
76.2 μm	12.5	m <sup>2</sup> /kg	
101.6 μm	9.40	m <sup>2</sup> /kg	
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	160		ASTM D2457

Haze	0.70	%	ASTM D1003
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