

INTEGRAL™ 630

Polyolefin Adhesive Film
The Dow Chemical Company

Message:

INTEGRAL™ 630 Polyolefin Adhesive Film is a heat-activated adhesive film specifically designed for bonding to steel and flexible polyolefins. New experimental films are continually being developed. Please discuss your particular application needs with your Dow representative.

General Characteristics:

Heat activation Point: 215 °F (102 °C)

Yield: 208 ft²/lb/mil (42.6 m²/kg/25 µm)

Available colors: Blue

Gauge range: 0.7 - 2.0 mil (18-51 µm)

Width: 20 - 72 in. (510 - 1830 mm)

General Information			
Appearance	Blue		
	Clear/Transparent		
Forms	Film		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	18	µm	ASTM D374
Film Thickness - Recommended / Available	0.7-2.0 mil (18-51 µm)		
Secant Modulus			ASTM D882
1% Secant, MD : 18 µm	384	MPa	
2% Secant, MD : 18 µm	246	MPa	
1% Secant, TD : 18 µm	422	MPa	
2% Secant, TD : 18 µm	259	MPa	
Tensile Strength			ASTM D882
MD : Yield, 18 µm	25.9	MPa	
TD : Yield, 18 µm	16.1	MPa	
MD : Break, 18 µm	20.8	MPa	
TD : Break, 18 µm	15.5	MPa	
Tensile Elongation			ASTM D882
MD : Yield, 18 µm	160	%	
TD : Yield, 18 µm	460	%	
MD : Break, 18 µm	160	%	
TD : Break, 18 µm	460	%	
Elmendorf Tear Strength			ASTM D1922
MD : 18 µm	200	g	
TD : 18 µm	150	g	
Yield (25.4 µm)	42.7	m ² /kg	Internal Method

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