

INTEGRAL™ 602

Polyolefin Adhesive Film

The Dow Chemical Company

Message:

INTEGRAL™ 602 Polyolefin Adhesive Film is a heat-activated adhesive film specifically formulated for bonded to steel on both sides of the film. It can also be used as a tie layer to bond two substrates together.

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: Green

Gauge Range: 1.5-4.0 mil (38-102 µm)

Width Range: 15-65 inches (380-1650 mm)

General Information			
Appearance	Green		
Forms	Film		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	58	µm	
Film Thickness - Recommended / Available	1.5-4.0 mil (38-102 µ)		
Secant Modulus			ASTM D882
1% Secant, MD : 58 µm	343	MPa	
2% Secant, MD : 58 µm	266	MPa	
1% Secant, TD : 58 µm	335	MPa	
2% Secant, TD : 58 µm	265	MPa	
Tensile Strength			ASTM D882
MD : Yield, 58 µm	14.5	MPa	
TD : Yield, 58 µm	13.1	MPa	
MD : Break, 58 µm	32.8	MPa	
TD : Break, 58 µm	25.9	MPa	
Tensile Elongation			ASTM D882
MD : Yield, 58 µm	15	%	
TD : Yield, 58 µm	15	%	
MD : Break, 58 µm	520	%	
TD : Break, 58 µm	560	%	
Elmendorf Tear Strength			ASTM D1922
MD : 58 µm	550	g	
TD : 58 µm	760	g	
Film Width	38.10 to 165.10	cm	
Yield (25.0 µm)	42.6	m ² /kg	
Heat Activation Temperature	102	°C	

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