

# INTEGRAL™ 848

Polyolefin Adhesive Film

The Dow Chemical Company

Message:

INTEGRAL™ 848 Film is a multi-layer adhesive film. One layer provides high flow adhesives, great for adhering to porous substrates such as non-wovens, natural fibers, and polyurethane foams, while the second layer provides barrier properties.

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: 204 sq ft/lb/mil (41.8 m²/kg/25 µm)

Available Colors: Black, Red, and Blue

Gauge Range: Black: 0.75, 0.85, and 1.0 mil (19, 21, and 25 µm); Red, Blue: 1.0-3.0 mil (25-75 µm)

Width Range: 20-75 in (508-1905 mm)

General Information			
Appearance	Black		
	Blue		
	Red		
Forms	Film		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	51	µm	
	Black: 0.75; 0.85; 1.0 mil (19; 21; 25 µ)		
Film Thickness - Recommended / Available	Red, Blue: 1.0-3.0 mil (25-75 µ)		
Secant Modulus			ASTM D882
2% Secant, MD : 51 µm	174	MPa	
2% Secant, TD : 51 µm	201	MPa	
Tensile Strength			ASTM D882
MD : Break, 51 µm	22.0	MPa	
TD : Break, 51 µm	16.3	MPa	
Tensile Elongation			ASTM D882
MD : Break, 51 µm	420	%	
TD : Break, 51 µm	520	%	
Elmendorf Tear Strength			ASTM D1922
MD : 51 µm	88	g	
TD : 51 µm	600	g	
Film Width	50.80 to 190.50	cm	
Yield (25.4 µm)	42.7	m²/kg	
Heat Activation Temperature	102	°C	

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