

# INTEGRAL™ D200

Polyolefin Adhesive Film  
The Dow Chemical Company

Message:

INTEGRAL™ D200 Polyolefin Adhesive Film is a heat-activated adhesive film designed for bonding to polyurethane foam to provide a liquid barrier for carpet underlayment and other applications. This film has a low heat activation point on one side of the film with a non-adhesive layer on the other side to minimize the film sticking to the hot roller surface during lamination.

New experimental films are continually being developed. Please discuss your particular application needs with your Dow representative

General Characteristics:

Heat Activation Point: 205 °F (96 °C)

Thickness: 1.75 to 2.50 mil (45-65 µm)

Width: 73 in. (1855 mm)

Color: Blue, Red, White, and Yellow

Treat: Treated Outside

General Information			
Appearance	Blue		
	Red		
	White		
	Yellow		
Forms	Film		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	44	µm	ASTM D374
Film Thickness - Recommended / Available	1.75-2.50 mil (45-65 µ)		
Secant Modulus			ASTM D882
2% Secant, MD	259	MPa	
2% Secant, TD	225	MPa	
Tensile Strength			ASTM D882
MD : Yield	14.1	MPa	
TD : Yield	12.1	MPa	
MD : Break, 44 µm	33.0	MPa	
TD : Break	25.2	MPa	
Tensile Elongation			ASTM D882
MD : Yield	16	%	
TD : Yield	14	%	
MD : Break	450	%	
TD : Break	560	%	
Elmendorf Tear Strength			Internal Method
MD : 44 µm	240	g	
TD : 44 µm	1000	g	
Film Width	185.42	cm	
Yield (25.4 µm)	42.4	m²/kg	

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### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

