

TYBRITE™ 126

Packaging Film
The Dow Chemical Company

Message:

TYBRITE™ 126 Clear Packaging Film is a mono-layer polyolefin film for flexible packaging applications. TYBRITE 126 adds toughness and pinhole resistance to various flexible packaging designs. Its hot-tack and heat seal strength and its broad heat seal range allow fast, efficient processing and permit secure seals, even through contamination. New experimental films are continually being developed. Please discuss your particular application needs with your Dow representative.

General Characteristics:

Heat Activation Point: 250°F (120°C)

Yield: 209 ft²/lb/mil (43 m²/kg/25 µm)

Available Colors: Clear

Gauge Range: 1.0-3.0 mil (24-75 µm)

Width Range: 20-70 in (51-178 mm)

General Information			
Appearance	Clear/Transparent		
Forms	Film		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	41	µm	
Film Thickness - Recommended / Available	1.0-3.0 mil (24-75 µ)		
Secant Modulus			ASTM D882
2% Secant, MD : 41 µm	186	MPa	
2% Secant, TD : 41 µm	214	MPa	
Tensile Strength			ASTM D882
MD : Yield,41 µm	11.7	MPa	
TD : Yield,41 µm	11.0	MPa	
MD : Break, 41 µm	27.6	MPa	
TD : Break, 41 µm	20.7	MPa	
Tensile Elongation			ASTM D882
MD : Break, 41 µm	510	%	
TD : Break, 41 µm	570	%	
Elmendorf Tear Strength			ASTM D1922
MD : 41 µm	380	g	
TD : 41 µm	1100	g	
Film Width	50.80 to 177.80	cm	Internal Method
Yield (25.0 µm)	43.0	m ² /kg	Internal Method
Heat Activation Temperature	121	°C	Internal Method
Optical	Nominal Value		Test Method
Gloss (45°, 40.6 µm)	60		ASTM D2457

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