

SARANEX™ 23P

Coextruded Barrier Film
The Dow Chemical Company

Message:

SARANEX™ 23P Coextruded Barrier Film is a multi-layer film designed for limited use protective garments. It contains Dow SARAN™ barrier resin, and is available as 2.0 mil, medium slip, natural color, TX, in widths from 10 to 62 inches (250 mm to 1570 mm).

General Characteristics:

Yield: 13,500 sq in./lb (19.2 m²/kg)

Thickness: 2.0 mil (51 µm)

Width: 10 - 62 in. (254 - 1575 mm)

Color: Natural

Treat: TX (untreated)

General Information			
Additive	Medium Slip		
Appearance	Natural Color		
Forms	Film		
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	51	µm	ASTM D374
Film Thickness - Recommended / Available	2.0 mil (51 µ)		
Secant Modulus			ASTM D882
2% Secant, MD : 51 µm	193	MPa	
2% Secant, TD : 51 µm	221	MPa	
Tensile Strength			ASTM D882
MD : Break, 51 µm	24.1	MPa	
TD : Break, 51 µm	17.2	MPa	
Tensile Elongation			ASTM D882
MD : Break, 51 µm	370	%	
TD : Break, 51 µm	510	%	
Oxygen Transmission Rate (23°C, 50% RH, 51 µm)	12	cm³/m²/24 hr	ASTM D3985
Water Vapor Transmission Rate (38°C, 90% RH, 51 µm)	3.9	g/m²/24 hr	ASTM F1249
Heat Seal Strength ¹			Internal Method
MD	540	N/m	
TD	540	N/m	
Yield (50.8 µm)	19.2	m²/kg	ASTM D4321
NOTE			

1.

1 sec preheat, 1 sec dwell, 30 psi
(2.1 Bar), 350°F (177°C)

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