

# DOWLEX™ 2028B

Polyethylene Resin

The Dow Chemical Company

## Message:

DOWLEX™ 2028B is a Polyethylene Resin material. It is available in Latin America.

Important attributes of DOWLEX™ 2028B are:

Antiblock

Processing Aid

Slip

Typical application of DOWLEX™ 2028B: Food Contact Applications

General Information			
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.941	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Film Puncture Resistance (25 µm)	6.00	J/cm <sup>3</sup>	Internal Method
Secant Modulus			ASTM D882
2% Secant, MD : 25 µm	385	MPa	
2% Secant, TD : 25 µm	425	MPa	
Tensile Strength			ASTM D882
MD : Yield, 25 µm	20.0	MPa	
TD : Yield, 25 µm	21.0	MPa	
MD : Break, 25 µm	48.0	MPa	
TD : Break, 25 µm	34.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm	620	%	
TD : Break, 25 µm	820	%	
Dart Drop Impact (25 µm)	35	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm	60	g	
TD : 25 µm	210	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 25.0 µm)	91		ASTM D2457
Haze (25.0 µm)	3.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	274	°C	

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### Recommended distributors for this material

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