

# DOWLEX™ 2700G

Linear Low Density Polyethylene Resin

The Dow Chemical Company

## Message:

DOWLEX™ 2700G Linear Low density Polyethylene Resin is a special blown film resin designed for the production of high quality pre-oriented films for industrial and consumer packaging applications.

Main Characteristics:

Allows high output rates

Excellent pre-orientation capabilities

Provide good toughness properties

Complies with:

U.S. FDA FCN 741

Europe Commission Regulation (EU) No 10/2011

Consult the regulation for complete details.

General Information			
Agency Ratings		FDA FCN 741	
		Europe 10/1/2011 12:00:00 AM	
Forms		Particle	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	17	µm	
Film Puncture Energy (17 µm)	1.90	J	Internal method
Film Puncture Force (17 µm)	32.0	N	Internal method
Tensile Strength			ASTM D882
MD: Break, 17 µm	24.0	MPa	ASTM D882
TD: Break, 17 µm	23.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Break, 17 µm	350	%	ASTM D882
TD: Break, 17 µm	570	%	ASTM D882
Dart Drop Impact (17 µm)	190	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 17 µm	120	g	ASTM D1922
TD : 17 µm	480	g	ASTM D1922
Extrusion	Nominal Value	Unit	
Melt Temperature	190 - 240	°C	
Extrusion instructions			

吹塑薄膜的制造条件:

BUR 范围:1.5-3 : 1

熔体温度:190-240°C

建议的厚度:10 到 100 微米

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