

Polytech & Net XP 9400

Metallocene Linear Low Density Polyethylene

Polytech & Net Gmbh

Message:

Stretch Wrap, Wrap Suitable for Food Products, Silage Wrap Film

General Information			
Uses	Film		
	Food Packaging		
	Stretch Wrap		
Agency Ratings	EU 2002/72/EC		
	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.915	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.7	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	400	hr	ASTM D1693
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break	44.1	MPa	
TD : Break	36.3	MPa	
Tensile Elongation			ASTM D882
MD : Break	470	%	
TD : Break	650	%	
Dart Drop Impact	550	g	ASTM D1709B
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	103	°C	ASTM D1525
Peak Melting Temperature	114	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	100		ASTM D2457
Haze	0.30	%	ASTM D1003

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