

Polytech & Net XP 9200

Metallocene Linear Low Density Polyethylene

Polytech & Net GmbH

Message:

Lamination Film, Agricultural Film, High Strength Film, Stretch Hood film

General Information	
Uses	Agricultural Applications
	Film
	Laminates
Agency Ratings	EU 2002/72/EC
	FDA 21 CFR 177.1520

Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	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	56.9	MPa	
TD : Break	45.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	580	%	
TD : Break	620	%	
Dart Drop Impact	670	g	ASTM D1709B
Elmendorf Tear Strength			ASTM D1004
MD	120	g	
TD	130	g	
Seal Initiation Temperature ¹	95.0	°C	

Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	106	°C	ASTM D1525
Peak Melting Temperature	116	°C	ASTM D3418

Optical	Nominal Value	Unit	Test Method
Gloss (45°)	87		ASTM D2457
Haze	12	%	ASTM D1003

NOTE	
1.	HGT, 2.8kg, 0.5 sec

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

