

Daelim Po1y® EP2001

Metallocene Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®EP2001 is a metallocene linear low density polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®The application areas of EP2001 include wrapping, film, agriculture, food contact applications and coating applications.

Features include:

Antiblock software

slide

Good processability

processing aids

Antioxidants

General Information			
Additive	Processing aid		
	Anti-caking agent		
	Antioxidation		
	slip agent		
Features	smoothness		
	Anti-caking property		
	Antioxidation		
	Workability, good		
	Good toughness		
Uses	Films		
	Laminate		
	Stretch winding		
	Agricultural application		
Agency Ratings		FDA 21 CFR 177.1520	
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Broken, 30 μm, blown film	56.9	MPa	ASTM D882
TD: Broken, 30 μm, blown film	48.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 30 μm, blown film	480	%	ASTM D882
TD: Broken, 30 μm, blown film	620	%	ASTM D882
Dart Drop Impact (30 μm, Blown Film)	400	g	ASTM D1709A

Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	107 - 117	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Haze (30.0 μm, Blown Film)	12	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	160 - 200	°C	

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