

Daelim Po1y® EP2501

Metallocene Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®EP2501 is a metallocene linear low density polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®The application areas of EP2501 include bag/lining, film and food contact applications.

Features include:

- Antiblock software
- Good processability
- processing aids
- Antioxidants
- Good toughness

General Information			
Additive	Processing aid		
	Anti-caking agent		
	Antioxidation		
Features	Anti-caking property		
	Antioxidation		
	Workability, good		
	Good toughness		
Uses	Films		
	Heavy packing bag		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Broken, 50 µm, blown film	57.9	MPa	ASTM D882
TD: Broken, 50 µm, blown film	53.0	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 50 µm, blown film	470	%	ASTM D882
TD: Broken, 50 µm, blown film	600	%	ASTM D882
Dart Drop Impact (50 µm, Blown Film)	350	g	ASTM D1709A
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	110 - 119	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Haze (50.0 µm, Blown Film)	12	%	ASTM D1003

Extrusion	Nominal Value	Unit
Melt Temperature	180 - 220	°C

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