

Daelim Po1y® XP5400

Metallocene Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®XP5400 is a metallocene linear low density polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®The application areas of XP5400 include wrapping, film and food contact applications.

Features include:

- Good processability
- Antioxidants
- Good stiffness
- Good toughness

General Information			
Additive	Antioxidation		
Features	Rigid, good		
	Antioxidation		
	Workability, good		
	Good toughness		
Uses	Films		
	Stretch winding		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.914	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Fracture, 22 μm, extruded film	41.2	MPa	ASTM D882
TD: Fracture, 22 μm, extruded film	30.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture, 22 μm, extruded film	440	%	ASTM D882
TD: Fracture, 22 μm, extruded film	620	%	ASTM D882
Dart Drop Impact (22 μm, cast film)	200	g	ASTM D1709A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	97.0	°C	ASTM D1525
Peak Melting Temperature	110	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Gloss (45, 22.0 μm, cast film)	100		ASTM D2457
Haze (22.0 μm, cast film)	0.50	%	ASTM D1003
Extrusion	Nominal Value	Unit	

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