

Daelim Po1y® XP9400S

Metallocene Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®XP9400S is a metallocene linear low density polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®XP9400S application areas include wrapping, packaging, film and food contact applications.

Features include:

- high gloss
- Antioxidants
- Good stiffness
- Good toughness
- Transparency

General Information			
Additive	Antioxidation		
Features	Rigid, good		
	Highlight		
	Antioxidation		
	Definition, high		
	Good toughness		
Uses	Films		
	Stretch winding		
	Food packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.7	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Fracture, 22 µm, extruded film	44.6	MPa	ASTM D882
TD: Fracture, 22 µm, extruded film	37.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture, 22 µm, extruded film	460	%	ASTM D882
TD: Fracture, 22 µm, extruded film	630	%	ASTM D882
Dart Drop Impact (22 µm, cast film)	450	g	ASTM D1709A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	105	°C	ASTM D1525
Peak Melting Temperature	115	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Gloss (45, 22.0 µm, cast film)	98		ASTM D2457

Haze (22.0 μm, cast film)	0.60	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	210 - 250	°C	

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