

Daelim Po1y® XP9500

Metallocene Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®XP9500 is a metallocene linear low density polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®XP9500 applications include film, industrial applications and food contact applications.

Features include:

Antioxidants

Good stiffness

Good toughness

General Information			
Additive	Antioxidation		
Features	Rigid, good		
	Antioxidation		
	Good toughness		
Uses	Films		
	Industrial application		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	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
secant modulus			ASTM D882
MD: 22 µm, cast film	117	MPa	ASTM D882
TD: 22 µm, cast film	112	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture, 22 µm, extruded film	45.1	MPa	ASTM D882
TD: Fracture, 22 µm, extruded film	38.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture, 22 µm, extruded film	450	%	ASTM D882
TD: Fracture, 22 µm, extruded film	600	%	ASTM D882
Dart Drop Impact (22 µm, cast film)	500	g	ASTM D1709A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	107	°C	ASTM D1525
Peak Melting Temperature	116	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Haze (22.0 µm, cast film)	0.50	%	ASTM D1003
Extrusion	Nominal Value	Unit	

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