

Daelim Po1y® XP5300EN

Metallocene Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®XP5300EN is a metallocene linear low density polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®XP5300EN applications include film, agriculture, food contact applications and coating applications.

Features include:

Good sealing performance

high gloss

high strength

processing aids

Antioxidants

General Information			
Additive	Processing aid		
	Antioxidation		
Features	Low extract		
	Low temperature heat sealability		
	Rigid, good		
	Highlight		
	High strength		
	Antioxidation		
	Good heat sealability		
	Definition, high		
	Good toughness		
Uses	Films		
	Laminate		
	Agricultural application		
Agency Ratings	FDA 21 CFR 177.1520		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Broken, 30 μm, blown film	53.9	MPa	ASTM D882
TD: Broken, 30 μm, blown film	42.2	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 30 μm, blown film	610	%	ASTM D882
TD: Broken, 30 μm, blown film	650	%	ASTM D882
Dart Drop Impact (30 μm, Blown Film)	300	g	ASTM D1709A
Seal Initiation Temperature ¹ (30 μm, Blown Film)	93.0	°C	Internal method
Elastomers	Nominal Value	Unit	Test Method

Tear Strength			ASTM D1004
Lateral flow: 0.0300mm	113	kN/m	ASTM D1004
Traffic: 0.0300mm	108	kN/m	ASTM D1004
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 30.0 µm, Blown Film)	89		ASTM D2457
Haze (30.0 µm, Blown Film)	15	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	150 - 170	°C	
NOTE			
1.	HGT, 2.8 kg, 0.5 sec		

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