

# Daelim Po1y® XP3300N

Metallocene Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®XP3300N is a metallocene linear low density polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®XP3300N applications include film, agriculture, food contact applications and coating applications.

- Features include:
- Good sealing performance
  - Antiblock software
  - high gloss
  - high strength
  - processing aids

General Information			
Additive	Processing aid		
	Anti-caking agent		
	Antioxidation		
Features	Low extract		
	Low temperature heat sealability		
	Rigid, good		
	Highlight		
	High strength		
	Anti-caking property		
	Antioxidation		
	Good heat sealability		
	Definition, high		
	Good toughness		
Uses	Films		
	Laminate		
	Agricultural application		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.921	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Broken, 30 µm, blown film	58.8	MPa	ASTM D882
TD: Broken, 30 µm, blown film	47.1	MPa	ASTM D882
Tensile Elongation			ASTM D882

MD: Broken, 30 µm, blown film	550	%	ASTM D882
TD: Broken, 30 µm, blown film	590	%	ASTM D882
Dart Drop Impact (30 µm, Blown Film)	160	g	ASTM D1709A
Seal Initiation Temperature <sup>1</sup> (30 µm, Blown Film)	96.0	°C	Internal method
Elastomers	Nominal Value	Unit	Test Method
Tear Strength			ASTM D1004
Lateral flow: 0.0300mm	127	kN/m	ASTM D1004
Traffic: 0.0300mm	125	kN/m	ASTM D1004
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	107	°C	ASTM D1525
Peak Melting Temperature	115	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 30.0 µm, Blown Film)	87		ASTM D2457
Haze (30.0 µm, Blown Film)	17	%	ASTM D1003
Extrusion	Nominal Value	Unit	Test Method
Melt Temperature	150 - 170	°C	
NOTE			
1.	HGT, 2.8 kg, 0.5 sec		

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#### Recommended distributors for this material

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