Daelim Po1y® XP3300EN

Metallocene Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®XP3300EN is a metallocene linear low density polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®XP3300EN 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

Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm³	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 [1] (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**	
Melt Temperature	150 - 170	°C	
NOTE			
1.	HGT, 2.8 kg, 0.5 sec		

Recommended distributors for this material

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