

Daelim Po1y® VL0005

Metallocene Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®VL0005 is a metallocene linear low density polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®The application areas of VL0005 include packaging, movies, industrial applications, food contact applications and additives/masterbatches.

Features include:

Good sealing performance

Antioxidants

Transparency

General Information			
Additive	Antioxidation		
Features	Low temperature heat sealability		
	Antioxidation		
	Good heat sealability		
	Definition, high		
Uses	Packaging		
	Films		
	Industrial application		
	Plastic modification		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Fracture, 22 μm, extruded film	43.1	MPa	ASTM D882
TD: Fracture, 22 μm, extruded film	32.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture, 22 μm, extruded film	380	%	ASTM D882
TD: Fracture, 22 μm, extruded film	600	%	ASTM D882
Dart Drop Impact (22 μm, cast film)	350	g	ASTM D1709B
Seal Initiation Temperature ¹ (22 μm, cast film)	92.0	°C	Internal method
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	82.0	°C	ASTM D1525
Peak Melting Temperature	91.0	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method

Gloss (45, 22.0 μm, cast film)	110		ASTM D2457
Haze (22.0 μm, cast film)	0.50	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	250	°C	
NOTE			
1.	HGT, 2.8 kg, 0.5 sec		

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