

Daelim Po1y® VL0003 Film

Ethylene-based Plastomer

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®VL0003 Film is a vinyl plastic product. It is available in Europe or Asia Pacific. Daelim Po1y®The application areas of VL0003 Film include movies, hoses, food contact applications and additives/masterbatches.

Features include:

Good sealing performance

Antioxidants

Good toughness

Transparency

General Information			
Additive	Antioxidation		
Features	Low temperature heat sealability		
	Antioxidation		
	Good heat sealability		
	Definition, high		
	Good toughness		
Uses	Films		
	Pipe		
	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)	3.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Fracture, 22 µm, extruded film	45.1	MPa	ASTM D882
TD: Fracture, 22 µm, extruded film	34.3	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture, 22 µm, extruded film	360	%	ASTM D882
TD: Fracture, 22 µm, extruded film	580	%	ASTM D882
Dart Drop Impact (22 µm, cast film)	450	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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