

Daelim Po1y® LH-418BL

High Density Polyethylene
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y® LH-418BL is a High Density Polyethylene product. It can be processed by injection molding and is available in Asia Pacific. Applications of Daelim Po1y® LH-418BL include membranes and sheet.

Characteristics include:

- Good Processability
- Hexene Comonomer
- Wear Resistant

General Information			
Features	Durable		
	Good Processability		
	Hexene Comonomer		
Uses	Geo Membranes		
	Sheet		
Agency Ratings	ASTM D 1248, III, Class A, Cat. 5		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.947	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.23	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F20)	> 2000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	18.6	MPa	ASTM D638
Tensile Elongation (Break)	> 600	%	ASTM D638
Flexural Modulus	686	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -118	°C	ASTM D746
Oxidation Induction Time ² (200°C)	> 120	min	ASTM D3895
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 to 220	°C	
NOTE			
1.	50 mm/min		
2.	Al Pan		

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Recommended distributors for this material

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