

Daelim Po1y® LH-418S

High Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

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

Characteristics include:

Good Processability

Hexene Comonomer

High ESCR (Stress Crack Resistant)

General Information			
Features	Bimodal Molecular Weight Distribution		
	Good Processability		
	Hexene Comonomer		
	High ESCR (Stress Crack Resist.)		
Uses	Geo Membranes		
	Sheet		
Agency Ratings	ASTM D 1248, III, Class A, Cat. 5		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.939	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.12	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F0)	> 3000	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
Vicat Softening Temperature	120	°C	ASTM D1525
Oxidation Induction Time ² (200°C)	> 100	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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