

Daelim Po1y® LH-3750

High Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y® LH-3750 is a High Density Polyethylene product. It can be processed by rotational molding and is available in Asia Pacific. Applications of Daelim Po1y® LH-3750 include containers, food contact applications and tanks.

Characteristics include:

Food Contact Acceptable

Good UV Resistance

High Stiffness

General Information			
Features	Food Contact Acceptable		
	Good UV Resistance		
	High Stiffness		
Uses	Industrial Containers		
	Tanks		
Agency Ratings	ASTM D 1248, II, Class A, Cat. 3		
	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.937	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	> 1000	hr	ASTM D1693A
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	19.6	MPa	ASTM D638
Flexural Modulus	588	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-20°C)	> 150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Oxidation Induction Time ¹ (200°C)	80	min	ASTM D2951
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 280	°C	
NOTE			
1.	AI Pan		

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