

Daelim Po1y® LH-5540

High Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LH-5540 is a high density polyethylene product. It can be processed by injection molding and is available in the Asia-Pacific region. Daelim Po1y®LH-5540 application areas include container and food contact applications.

Features include:

high gloss

Good stiffness

Impact resistance

General Information			
Features	Rigid, good		
	Highlight		
	Impact resistance, high		
Uses	Loading box		
Agency Ratings	ASTM D 1248, II, Class A, Cat. 3		
	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.955	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	27.5	MPa	ASTM D638
Tensile Elongation ² (Break)	800	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	78	J/m	ASTM D256
23°C	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-118	°C	ASTM D746
Additional Information			
Ultimate Elongation, ASTM D-638, Type VI Spec, 50 mm/min: >800%Brittle Temperature, ASTM D-746: <-118°C			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 - 260	°C	
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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