

Daelim Po1y® LH-6070

High Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LH-6070 is a high density polyethylene product. It can be processed by injection molding and is available in the Asia-Pacific region. Daelim Po1y®LH-6070 application areas include industrial applications, containers, consumer goods and food contact applications.

Features include:

high gloss

high liquidity

Hard

General Information			
Features	Rigidity, high Highlight High liquidity		
Uses	Industrial application Toys Loading box		
Agency Ratings	ASTM D 1248, IV, Class A, Cat. 3 FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.961	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.020	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	60		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.4	MPa	ASTM D638
Tensile Elongation (Break)	700	%	ASTM D638
Flexural Modulus	68.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.0	°C	ASTM D746
Additional Information			
Ultimate Elongation, ASTM D-638,: >700%Brittle Temperature, ASTM D-746: <-76°C			

Injection	Nominal Value	Unit
Processing (Melt) Temp	200 - 260	°C

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