

Daelim Po1y® LH-6070UV

High Density Polyethylene
DAELIM INDUSTRIAL CO., LTD.

Message:

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

General Information			
Features	Gloss, Medium		
	Good UV resistance		
	High liquidity		
Uses	Industrial application		
	Household goods		
	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/cm³	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	1080	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	

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Recommended distributors for this material

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