

# Daelim Po1y® LH6070S

High Density Polyethylene  
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LH6070S is a high density polyethylene product. It can be processed by injection molding and is available in the Asia-Pacific region. Daelim Po1y®LH6070S applications include containers, industrial applications, home applications and food contact applications.

Features include:

Hard  
Impact resistance

General Information			
Features	Rigidity, high Gloss, Medium Impact resistance, high		
Uses	Industrial application Household goods Barrel Loading box		
Agency Ratings	ASTM D 1248, III, Class A, Cat. 5 FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.964	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (200°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.018	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	65		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.4	MPa	ASTM D638
Tensile Elongation (Break)	700	%	ASTM D638
Flexural Modulus	1230	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	78	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.0	°C	ASTM D746
Additional Information			
Tensile Elongation @ Brk, ASTM D638: >700%Brittle Temperature, ASTM D746: <-76°C			

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

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
 Phone: +86 13424755533  
 Email: sales@su-jiao.com  
 No. 215, Lianhe North Road, Fengxian District, Shanghai, China

