

# Daelim Po1y® LH-3250

High Density Polyethylene  
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LH-3250 is a high density polyethylene product. It can be processed by rotational molding and is available in the Asia-Pacific region. Daelim Po1y®LH-3250 application areas include containers, consumer goods and food contact applications. The main characteristics are: hardness.

General Information			
Features	Rigidity, high		
Uses	Industrial container		
	Toys		
Agency Ratings	ASTM D 1248, II, Class A, Cat. 3		
	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	rotomolding		
Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	> 1000	hr	ASTM D1693A
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	70		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	19.6	MPa	ASTM D638
Flexural Modulus	686	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
Vicat Softening Temperature	107	°C	ASTM D1525
Additional Information			
Brittle Temperature, ASTM D-746: <-76°C			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	250 - 350	°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

