

Daelim Po1y® LH860

High Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y® LH860 is a high-density polyethylene product. It can be processed by injection molding and is available in the Asia-Pacific region. Daelim Po1y® Application areas of LH860 include cap/cap/cork and food contact applications.

Features include:

Low shrinkage

accessible food

Impact resistance

odorless/tasteless channel

General Information			
Features	Impact resistance, high		
	The smell is low to none		
	Compliance of Food Exposure		
	Low shrinkage		
Uses	Shield		
Agency Ratings	ASTM D 1248, III, 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
Environmental Stress-Cracking Resistance (F50)	20.0	hr	ASTM D1693B
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	60		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Flexural Modulus	981	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			
Tensile Elongation @ Brk, ASTM D638: >600%Brittle Temperature, ASTM D746: <-76°C			

Injection	Nominal Value	Unit
Processing (Melt) Temp	180 - 240	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

