

Daelim Po1y® LH3750M

Metallocene Medium Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LH3750M is a Metallocene Medium Density Polyethylene product. It is available in Europe or Asia Pacific. Daelim Po1y®LH3750M application areas include jars, containers, consumer goods and food contact applications.

Features include:

- Impact resistance
- Antioxidants
- Rapid Prototyping Cycle
- Good dimensional stability
- Good stiffness

General Information			
Additive	Antioxidation		
	UV stabilizer		
Features	UV Stabilized		
	Good dimensional stability		
	Rigid, good		
	Antioxidation		
	Impact resistance, good		
	Fast molding cycle		
	Low temperature impact resistance		
	Heat resistance, high		
	Definition, high		
Uses	Drum		
	Water tank		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.938	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, Compression Molded)	20.6	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	850	%	ASTM D638
Flexural Modulus (Compression Molded)	637	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (-30°C, Compression Molded)	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	70.0	°C	ASTM D648
Vicat Softening Temperature	118	°C	ASTM D1525
Peak Melting Temperature	124	°C	ASTM D3418
Optical	Nominal Value		Test Method
Gloss (60°, Compression Molded)	85		ASTM D2457
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 - 280	°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

