

Daelim Po1y® LH-144

High Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LH-144 is a high density polyethylene product. It can be processed by profile extrusion molding and is available in the Asia-Pacific region. Typical application areas are: water pipes/pipes/drinking water.

Features include:

High resistance to environmental stress fracture (ESCR)

hexene comonomer

Good processability

Impact resistance

Wear-resistant

General Information			
Features	Ultra-high impact resistance High ESCR (Stress Cracking Resistance) hexene comonomer Workability, good Durability		
Uses	Piping system		
Agency Ratings	ASTM D 1248, III, Class A, Cat. 5		
Forms	Particle		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Density	0.948	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.12	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	> 1000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	25.5	MPa	ASTM D638
Tensile Elongation ² (Break)	600	%	ASTM D638
Flexural Modulus	883	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	290	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	126	°C	ASTM D1525
Additional Information			
Tensile Elongation @ Brk, ASTM D638: >600%Notched Izod Impact, ASTM D256: >30 kg.cm/cmOIT, ASTM D2951, 200°C, Aluminum Pan: >40 min			
Extrusion	Nominal Value	Unit	
Melt Temperature	190 - 220	°C	
NOTE			

1.	50 mm/min
2.	50 mm/min

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

