

Daelim Po1y® LA-25

Linear Low Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y® LA-25 is a linear low density polyethylene product. It is available in the Asia-Pacific region. Daelim Po1y® Application areas of LA-25 include wire and cable and food contact applications.

Features include:

Good processability

crosslinkable

General Information			
Features	Workability, good		
	Crosslinkable		
	Medium wide molecular weight distribution		
Uses	Wire and cable applications		
Agency Ratings	ASTM D 1248, I, Class A, Cat. 4		
	FDA 21 CFR 177.1520		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.911	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19.6	MPa	ASTM D638
Tensile Elongation (Break)	900	%	ASTM D638
Flexural Modulus	686	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	390	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-80.0	°C	ASTM D746
Additional Information			
Elongation @ Break, ASTM D-638: >900% Brittleness Temperature, ASTM D-746: <-80°C			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	170	°C	
Cylinder Zone 2 Temp.	190	°C	
Cylinder Zone 3 Temp.	210	°C	

Cylinder Zone 4 Temp.	210	°C
Cylinder Zone 5 Temp.	210	°C
Die Temperature	210	°C

Extrusion instructions

Grooved Barrel: 25-35°C Screw/Die/Head: 70-80°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

