

Daelim Po1y® 5811

High Density Polyethylene

DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y® 5811 is a high density polyethylene product. It can be processed by filament extrusion and is available in the Asia Pacific region. Daelim Po1y® 5811 application areas include sling/rope and food contact applications. The main characteristics are: good processing performance.

General Information			
Features	Workability, good		
Uses	Rope		
Agency Ratings	ASTM D 1248, III, Class A, Cat. 3		
	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Filament extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.958	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	28.4	MPa	ASTM D638
Tensile Elongation ² (Break)	800	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-118	°C	ASTM D746
Additional Information			
Tensile Strength, DIC Method: 5.0g/denierUltimate Elongation, ASTM D-638, Type VI Spec, 50 mm/min: >800%Brittle Temperature, ASTM D-746: <-118°C			
Extrusion	Nominal Value	Unit	
Melt Temperature	200 - 230	°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

