

# Daelim Po1y® 6060PL

High Density Polyethylene  
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y® 6060PL is a high-density polyethylene product. It can be processed by injection molding and is available in the Asia-Pacific region. Daelim Po1y® The application areas of 6060PL include container and food contact applications. The main characteristics are: impact resistance.

General Information			
Features	Impact resistance, good		
	Good liquidity		
Uses	Loading box		
Agency Ratings	ASTM D 1248, IV, Class A, Cat. 3		
	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.962	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	31.4	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	700	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-118	°C	ASTM D746
Additional Information			
Brittle Temperature, ASTM D-746: <-118°C			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 - 260	°C	
NOTE			
1.	50 mm/min		
2.	50 mm/min		

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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

