

Daelim Po1y® LH-150H

High Density Polyethylene
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LH-150H is a high density polyethylene product. It can be processed by injection molding and is available in the Asia-Pacific region. Daelim Po1y®LH-150H application areas include bag/lining and food contact applications.
Features include:
Good processability
accessible food

General Information			
Features	Workability, good Good stretchability Compliance of Food Exposure		
Uses	Bags		
Agency Ratings	ASTM D 1248, III, Class A, Cat. 5 FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal)	40.0	hr	ASTM D1693B
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	45		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Flexural Modulus	883	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.0	°C	ASTM D746
Additional Information			
Tensile Elongation @ Brk, ASTM D638: >600%Brittle Temperature, ADTM D746: -76°C			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 - 260	°C	

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