

Daelim Po1y® TR-147

High Density Polyethylene
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y® TR-147 is a High Density Polyethylene product. It can be processed by filament extrusion and is available in Asia Pacific. Applications of Daelim Po1y® TR-147 include bags/liners, food contact applications and kitchenware.
Characteristics include:
Food Contact Acceptable
Good Processability

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Good Stretchability		
	Machinable		
Uses	Bags		
	Table Products		
Agency Ratings	ASTM D 1248, III, Class A, Cat. 4		
	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Filament Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.951	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.78	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal)	90.0	hr	ASTM D1693B
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	40		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.5	MPa	ASTM D638
Tensile Elongation (Break)	> 600	%	ASTM D638
Flexural Modulus	834	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	190 to 250	°C	

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Recommended distributors for this material

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