

# Daelim Po1y® LH210

High Density Polyethylene  
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®LH210 is a high-density polyethylene product. It can be processed by injection molding and is available in the Asia-Pacific region. Typical application areas are: wire and cable.  
Features include:  
High resistance to environmental stress fracture (ESCR)  
Good processability

General Information			
Features	High ESCR (Stress Cracking Resistance)		
	Workability, good		
Uses	Optical fiber cable		
	Fill application		
Agency Ratings	ASTM D 1248, III, Class A, Cat. 4		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.948	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.75	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F0)	> 48.0	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	58.8	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.0	°C	ASTM D746
Additional Information			
TSCR, ASTM D2951, 100°C, 96 hr: 0/10 ea			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 - 260	°C	

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