

Daelim Po1y® HX-102F

High Density Polyethylene
DAELIM INDUSTRIAL CO., LTD.

Message:

Daelim Po1y®HX-102F is a high density polyethylene product. It can be processed by injection molding and is available in the Asia-Pacific region. Daelim Po1y®HX-102F application areas include electrical/electronic applications, wire and cable and foam.

Features include:

High resistance to environmental stress fracture (ESCR)

Good processability

General Information			
Features	High ESCR (Stress Cracking Resistance)		
	Antioxidation		
	Workability, good		
Uses	Wire and cable applications		
	Foam		
Agency Ratings	ASTM D 1248, III, Class A, Cat. 4, Grade E8		
	ASTM D 1248, III, Class A, Cat. 4, Grade E9		
	REA PE-39		
Appearance	Yellow		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.951	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 (Yield)	25.0	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms·cm	ASTM D257
Dielectric Constant (1 MHz)	2.32		ASTM D150
Dissipation Factor (1 MHz)	1.0E-4		ASTM D150
Additional Information			
Agency Ratings: REA PE-23(Dry), REA PE-200Dielectric Constant, ASTM D150, 1MHz: <2.32Dissipation Factor ASTM D150, 1MHz: 1E16 ohm-cm			
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 - 280	°C	

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

