

HI-ZEX™ 232J

High Density Polyethylene

Prime Polymer Co., Ltd.

Message:

HI-ZEX™ 232J is a High Density Polyethylene product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Primary characteristic: antistatic.

General Information			
Additive	Antistatic		
Features	Antistatic		
	General Purpose		
Uses	General Purpose		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.958	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance	12.0	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	67		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	1000	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	26.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	> 300	%	ISO 527-2
Flexural Modulus (Injection Molded)	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	7.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	124	°C	ISO 306
Melting Temperature	135	°C	ISO 11357-3

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