

# HIVOREX 8100GX

High Density Polyethylene

Lotte Chemical Corporation

## Message:

Good thermal resistance and cold resistance

Excellent impact resistance even at low temperature

Good cross-linking property

General Information			
Features	Crosslinkable		
	Good Impact Resistance		
	High Heat Resistance		
	Low Temperature Impact Resistance		
	Low Temperature Resistant		
Uses	Connectors		
	Industrial Applications		
	Piping		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.020	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	34.3	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	785	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	124	°C	ASTM D1525

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## Recommended distributors for this material

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