

HIVOREX 8100GX

High Density Polyethylene
Lotte Chemical Corporation

Technical Data

Product Description
Good thermal resistance and cold resistance
Excellent impact resistance even at low temperature
Good cross-linking property

General			
Material Status	• Commercial: Active		
Literature ¹	• Technical Datasheet (English)		
Search for UL Yellow Card	• Lotte Chemical Corporation		
Availability	• Asia Pacific • Asia Pacific	• Europe • Europe	• North America • North America
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/cm³	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

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.