

HIVOREX 2700J

High Density Polyethylene
Lotte Chemical Corporation

Message:
Fluidity, High impact strength, Good ESCR

General Information			
Features	High ESCR (Stress Crack Resist.)		
	High Impact Resistance		
Uses	Household Goods		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	0.949	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	11.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19.6	MPa	ASTM D638
Tensile Elongation (Break)	> 300	%	ASTM D638
Flexural Modulus	785	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	120	°C	ASTM D1525

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