

HIVOREX 6010BP

High Density Polyethylene

Lotte Chemical Corporation

Message:

High stiffness, High speed processability

General Information			
Features	Fast Molding Cycle		
	High Stiffness		
Uses	Bottles		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	0.967	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	40.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1670	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	ASTM D746
Vicat Softening Temperature	126	°C	ASTM D1525

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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



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