

HIVOREX 6010BP

High Density Polyethylene

General Information

● Description

High stiffness, High speed processability

● Applications

◆ Bottle (small) milk, beverage

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	0.70	g/10min		
Density	ASTM D1505	0.967	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	300	kgf/cm ²	29.4	MPa
Tensile Strain (Break)	ASTM D638	>500	%	>500	%
Flexural Modulus	ASTM D790	17,000	kgf/cm ²	1,667	MPa
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	10	kgf·cm/cm	1.0	J/m
Thermal					
VICAT Softening Point	ASTM D1525	126	℃		
Brittle Temperature	ASTM D746	<-80	℃		
Additional Properties					
ESCR	ASTM D1693	40	F50 Hours		

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications