

HIVOREX 2700J

High Density Polyethylene

General Information

● Description

Fluidity, High impact strength, Good ESCR

● Applications

◆Housewares, etc.

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	7.0	g/10min		
Density	ASTM D1505	0.949	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	200	kgf/cm ²	19.6	MPa
Tensile Strain (Break)	ASTM D638	>300	%	>300	%
Flexural Modulus	ASTM D790	8,000	kgf/cm ²	785	MPa
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	11	kgf·cm/cm	107.8	J/m
Thermal					
VICAT Softening Point	ASTM D1525	120	℃		
Additional Properties					
ESCR	ASTM D1693	11	F50 Hours		

NOTE

ISO 9001, 14001, /TS 16949

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