

2600J

High Density Polyethylene

General Information

Description

- ◆ For Injection Molding
- ◆ High fluidity, Good stiffness

Applications

- ◆ Thin Walled Product, Crate, Housewares, etc.

Properties ¹			
Physical	Test Method	Nominal Values	
Melt Flow Index (190°C, 2.16kg)	ASTM D1238	20.0	g/10min
Density	ASTM D1505	0.959	g/cm³
Mechanical			
Tensile Stress (Yield)	ASTM D638	240	kgf/cm² 23.5 MPa
Tensile Strain (Break)	ASTM D638	≥300	%
Flexural Modulus	ASTM D790	12,500	kgf/cm² 1,226 MPa
Impact			
Notched IZOD Impact Strength (23°C)	ASTM D256	4	kgf·cm/cm 34 J/m
Thermal			
VICAT Softening Point	ASTM D1525	120	°C
Additional			
ESCR	ASTM D1693	2	F ₅₀ hr

NOTE

ISO 9001, 14001, /TS 16949

¹ Properties: these are not to be construed as specifications

2600J

High Density Polyethylene

General Information

Description

- ◆ For Injection Molding
- ◆ High fluidity, Good stiffness

Applications

- ◆ Thin Walled Product, Crate, Housewares, etc.

Properties ¹			
Physical	Test Method	Nominal Values	
Melt Flow Index (190°C, 2.16kg)	ISO 1133	20.0	g/10min
Density	ISO 1183	0.959	g/cm ³
Mechanical			
Tensile Stress (Yield)	ISO 527	235	kgf/cm ² 23.0 MPa
Tensile Strain (Break)	ISO 527	≥300	%
Flexural Modulus	ISO 178	8,668	kgf/cm ² 850 MPa
Impact			
Notched IZOD Impact Strength (23°C)	ISO 180	3	kgf·cm/cm 30 J/m
Thermal			
VICAT Softening Point	ISO 306	120	°C
Additional			
ESCR	ASTM D1693	2	F ₅₀ hr

NOTE

ISO 9001, 14001, /TS 16949

¹ Properties: these are not to be construed as specifications