

DATASHEET

ASTM Property



Grade	2700J
Product	HDPE

General Information

Key Features

- For Injection Molding
- Fluidity, High Impact Strength, Good ESCR

Applications

Housewares, etc.

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	7.0
Density	ASTM D1505	g/cm ³	0.949
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	200
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm ²	8,000
Impact			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	11
Thermal			
VICAT Softening Temperature	ASTM D1525	°C	120
Additional Properties			
ESCR	ASTM D1693	F50hr	12

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01