DATASHEET

ASTM Property

LOTTE CHEMICAL

Grade	2210JU
Product	HDPE

General Information

Key Features	- For Injection Molding - Good stiffness, Good weather resistance - UV Stability : UV-4[1]
Applications	Silicon Cartridge, Crate, Housewares, etc

Item	Measuring Method	Unit	Value
	Physical		
Melt Flow Index	ASTM D1238	g/10min	7.0
Density	ASTM D1505	g/㎤	0.959
	Mechanical		
Tensile Stress (Yield)	ASTM D638	kgf/㎠	230
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/㎠	12,000
	Impact		
Izod Impact Strength(notched) (23℃)	ASTM D256	kgf·㎝/㎝	8
	Thermal		
VICAT Softening Temperature	ASTM D1525	℃	122
	Additional Properties		
ESCR	ASTM D1693	F50hr	6

1. Retained Elongation of 2mm Specimen is over 50% at 4000hrs of Xenon Exposure(Test Method : ASTM D 2565)
2. Properties : these are not to be construed as specifications

* The last update date : 2021/10/01