DATASHEET

ASTM Property

Grade	UL614
Product	LLDPE

General Information

Key Features	- For Injection Molding - Good processability, Good mechanical properties
Applications	Housewares, Closures for containers, Tarpaulin Extrusion Coating

Item	Measuring Method	Unit	Value
	Physical		
Melt Flow Index	ASTM D1238	g/10min	10.0
Density	ASTM D1505	g/㎤	0.924
	Mechanical		
Tensile Stress (Yield)	ASTM D638	kgf/㎠	105
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/㎠	3,500
	Impact		
Izod Impact Strength(notched) (23℃)	ASTM D256	kgf·㎝/㎝	NB
	Thermal		
VICAT Softening Temperature	ASTM D1525	℃	94
	Additional Properties		
Hardness (Shore D)	ASTM D2240	D scale	45
ESCR	ASTM D1693	F50hr	>150

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

* The last update date : 2021/10/01