

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/cm ³	0.924
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	105
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm ²	3,500
Impact			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	NB
Thermal			
VICAT Softening Temperature	ASTM D1525	°C	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