DATASHEET

ASTM Property

Grade	UR654
Product	LLDPE

General Information	
Key Features	- For Rotational molding - Broad molding latitude, Good grindability - Good color stability, Good UV and Weather resistance
Applications	Rotational molding applications(water tank, toys and leisure)

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	3.2
Density	ASTM D1505	g/㎤	0.938
Mechanical			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	180
Tensile Strain (Break)	ASTM D638	%	900
Flexural Modulus	ASTM D790	kgf/㎠	8,000
Impact			
Izod Impact Strength (notched) (23℃)	ASTM D256	kgf·㎝/㎝	N.B.
Thermal			
VICAT Softening Temperature	ASTM D1525	℃	120
Additional Properties			
ESCR	ASTM D1693	F50hr	>96

1. Physical Properties : these are not to be construed as specifications
2. IZOD Impact Strength, N.B.(non break) / ESCR condition B^B(50℃, 10 vol% solution)

* The last update date : 2022/09/01