

<b>Grade</b>	UR644
<b>Product</b>	LLDPE

#### General Information

Key Features	<ul style="list-style-type: none"> <li>- For Rotational molding</li> <li>- Broad molding latitude, Good grindability</li> <li>- Good color stability, Good UV and Weathe resistance</li> </ul>
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Applications	Rotational molding applications(water tank, toys and leisure)
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Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	5.0
Density	ASTM D1505	g/cm <sup>3</sup>	0.935
<b>Mechanical</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	165
Tensile Strain (Break)	ASTM D638	%	900
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	7,000
<b>Impact</b>			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	N.B.
<b>Thermal</b>			
VICAT Softening Temperature	ASTM D1525	°C	110
<b>Additional Properties</b>			
ESCR	ASTM D1693	F50hr	>300

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

\* The last update date : 2021/10/01