

## TECHNICAL DATA SHEET

## 73204T

**73204 T** is a Rotomolding grade LLDPE produced by the Spherilene Technology with controlled morphology, excellent balance of processability & mechanical properties

**73204 T** is ideally suited for Tanks and Containers for domestic and industrial water storage, sanitation and agriculture.

Property	Test Method	Unit	Value
Melt Flow Index (2.16 Kg, 190 °C)	ASTM D 1238	g/10 min	5.0
Density (23 °C)	ASTM D 1505	g/cm <sup>3</sup>	0.932
<b>Physical Property</b>			
Tensile Strength at Yield	ASTM D 638	MPa	17
Elongation at Break	(50 mm/min)	%	900
Flexural Modulus	ASTM D 790A	MPa	550
Notched Izod Impact Strength (23 °C)	ASTM D 256A	J/m	500
Heat Deflection Temperature (0.455 MPa)	ASTM D 648	°C	74
Vicat Softening Point (10N)	ASTM D 1525	°C	115
ESCR (F50, 10% Igepal soln. v/v)	ASTM D 1693B	Hrs	500

### Suggested Processing Conditions

Oven Temperature	°C	240 – 280
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\* Halene L is the registered trademark of Linear Low Density Polyethylene of HPL

Mechanical properties are on injection molded specimens

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