

TECHNICAL DATA SHEET

73204TU

73204 TU is a Rotomolding grade LLDPE produced by the Spherilene Technology with controlled morphology, excellent balance of Processability, Mechanical Properties and UV Stability.

73204 TU is stabilized adequately with HALS⁺ to give a long service life under outdoor exposure.

73204 TU is ideally suited for Tanks and Containers with good UV stability for domestic and industrial water storage, sanitation and agriculture.

Property	Test Method	Unit	Value
Melt Flow Index (2.16kg, 190 °C)	ASTM D 1238	g/10 min	5.0
Density (23 °C)	ASTM D 1505	g/cm ³	0.932
Physical Property			
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

⁺ The total Hindered Amine Light Stabilizer content is < 2500 ppm

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Compliance certificates and MSDS are available on request.
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