

TECHNICAL DATA SHEET

73005TU

73005 TU is a Rotomolding grade LLDPE produced by the Spherilene Technology with controlled morphology, excellent balance of Processability, Mechanical Properties and UV Stability.

73005TU is stabilized adequately with HALS⁺ to give a long service life under outdoor exposure.

73005 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	0.934

Physical Property

Tensile Strength at Yield	ASTM D 638	MPa	17
Elongation at Break	(50 mm/min)	%	>500
Flexural Modulus	ASTM D 790A	MPa	500
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

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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