

TECHNICAL DATA SHEET

73204TU

73204TU is a LLDPE Roto Molding Grade produced by the Spherilene Technology with controlled morphology, excellent balance of processability, mechanical properties & UV stability

This grade is stabilized adequately with Light Stabilizer + to give a long service life under outdoor exposure

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

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg, 190°C)	ASTM D1238	g/10 min	5.0
Density (23°C)	ASTM D1505	g/cm ³	0.932
Physical Property			
Tensile Strength at Yield	ASTM D638	MPa	17
Elongation at Break	(50 mm/min)	%	900
Notched Izod Impact Strength (23°C)	ASTM D256A	J/m	500
Flexural Modulus	ASTM D790A	MPa	550
ESCR (F ₅₀ , 10% Igepal soln. v/v)	ASTM D1693B	Hr	500
Vicat Softening Point (10 N)	ASTM D1525	°C	115
Heat Deflection Temperature (0.455 MPa)	ASTM D648	°C	74
Suggested Processing Conditions			
Oven Temperature		°C	240 - 280

* Halene L is the registered trademark of Linear Low Density Polyethylene of HPL

Mechanical Properties are on Injection Molded test specimens prepared as per ASTM D4101

+ The total Light Stabilizer content is < 2500 ppm

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