

# Halene L 73204TU

Linear Low Density Polyethylene

Haldia Petrochemicals Ltd.

## Message:

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

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

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

General Information			
Additive	UV Stabilizer (< 2500 ppm)		
Features	Good Processability		
	Good UV Resistance		
Uses	Agricultural Applications		
	Containers		
	Sanitary Products		
	Tanks		
Forms	Pellets		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density <sup>1</sup>	0.932	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield, Injection Molded)	17.0	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Break, Injection Molded)	900	%	ASTM D638
Flexural Modulus (Injection Molded)	550	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	500	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	74.0	°C	ASTM D648
Vicat Softening Temperature	115	°C	ASTM D1525 <sup>4</sup>
Additional Information	Nominal Value	Unit	
Oven Temperature	240 to 280	°C	
NOTE			
1.	23°C		
2.	50 mm/min		

3.	50 mm/min
4.	Loading 1 (10 N)

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