

# Halene L 73005TU

Linear Low Density Polyethylene

Haldia Petrochemicals Ltd.

## Message:

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 Light Stabiliser + 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.

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>	0.934	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)	> 500	%	ASTM D638
Flexural Modulus (Injection Molded)	500	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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