

Halene L 73005T

Linear Low Density Polyethylene

Haldia Petrochemicals Ltd.

Message:

73005 T is a Rotomolding grade LLDPE produced by Spherilene Technology with controlled morphology, excellent balance of processability & mechanical properties.

73005 T is ideally suited for tanks and containers for domestic and industrial water storage, sanitation and agriculture.

General Information			
Features	Good Processability		
Uses	Agricultural Applications Containers Sanitary Products Tanks		
Forms	Pellets		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.934	g/cm ³	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 ² (Yield, Injection Molded)	17.0	MPa	ASTM D638
Tensile Elongation ³ (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)	450	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 ⁴
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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