

TECHNICAL DATA SHEET

73204T

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

73204T is ideally suited for Tanks & Containers 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) | % | >500 |
| Notched Izod Impact Strength (23°C) | ASTM D256A | J/m | 500 |
| Flexural Modulus | ASTM D790A | MPa | 500 |
| 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

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