

TECHNICAL DATA SHEET

T105N

T105N is a **Polypropylene Homopolymer**, produced by the **Spheripol Technology**

T105N combines exceptional processability with excellent Stiffness, Clarity & Gloss

T105N is recommended for Thermoforming of Cups, Containers & other miscellaneous disposable items

| Property | Test Method | Unit | Value |
|--|-------------|-------------------|-------|
| Melt Flow Index (2.16 kg & 230 ⁰ C) | ASTM D 1238 | g/10 min | 5 |
| Density at 23 °C | ASTM D 1505 | g/cm ³ | 0.90 |
| Tensile Strength at Yield | ASTM D 638 | MPa | 37 |
| Tensile Elongation at Yield | | % | 8 |
| Flexural Modulus | ASTM D 790 | MPa | 1750 |
| Izod Impact Strength (Notch, 23 °C) | ASTM D 256 | J/m | 45 |
| Vicat Softening Point (10N) | ASTM D 1525 | °C | 155 |
| Heat Deflection Temperature (0.46 N/m ²) | ASTM D 648 | °C | 110 |

Suggested Processing Temperature

| | | |
|--------------------|----|-----------|
| Barrel Temperature | °C | 190 - 230 |
| Die Temperature | °C | 220 - 250 |

* Halene P is the registered trademark of Polypropylene of HPL

Mechanical properties tested on Injection Molded Test Specimens

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