



Producer: Carmel Olefins Ltd. / Israel

CAPILENE® T 50

Description:

CAPILENE T 50® is a high melt flow rate homopolymer for injection molding characterized by good flow properties combined with good stiffness.

Applications:

CAPILENE T 50® is recommended for injection molding of household articles, closures, crates, containers and garden furniture.

| PROPERTIES | METHOD | TYPICAL VALUE * | UNIT |
|---------------------------------------|-----------|-----------------|-------------------|
| Physical | | | |
| Melt Flow Rate (230°C/2.16Kg) | ISO 1133 | 25 | g/10min |
| Mechanical | | | |
| Tensile Stress at Yield (50mm/min) | ISO 527-2 | 30 | Mpa |
| Tensile Strain at Yield (50mm/min) | ISO 527-2 | 12 | % |
| Flexural Modulus (50mm/min) | ISO 178 | 1400 | Mpa |
| Izod Impact Strength, notched (+23°C) | ISO 180 | 2 | KJ/m ² |
| Thermal | | | |
| Vicat Softening Temperature (10N) | ISO 306 | 155 | °C |
| Heat Deflection Temperature (0.45MPa) | ISO 75-2 | 80 | °C |

*Typical values; not to be construed as specifications.