

Technical Data Sheet

CAPILENE® T 77 A
Polypropylene Homopolymer



Product Description

CAPILENE® T 77 A is a polypropylene homopolymer intended for injection molding.

Features:

- Nucleated
- Mold release
- High stiffness
- Short cycle time

Uses:

- Household articles
- Caps and closures
- Food packaging

Processing Methods:

- Injection molding

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	25	g/10 min
Mechanical				
Tensile Stress at Yield	(50 mm/min)	ISO 527-2	38	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	9	%
Flexural Modulus	(5 mm/min)	ISO 178	2000	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	2.5	kJ/m ²
Thermal				
Vicat Softening Temperature	(10 N)	ISO 306	155	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	110	°C

*Typical values; not to be construed as specifications.

