

Technical Data Sheet

CAPILENE® T 89 E
Polypropylene Homopolymer



Product Description

CAPILENE® T 89 E is a polypropylene homopolymer intended for fibre applications.

Features:

- Anti gas fading stabilization

Uses:

- Continuous filaments
- Bulk continuous filaments
- Fine denier staple fibres
- Household articles
- Caps and closures
- Crates
- Containers

Processing Methods:

- Extrusion
- 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	32	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	12	%
Flexural Modulus	(5 mm/min)	ISO 178	1450	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	2.5	kJ/m ²
Thermal				
Vicat Softening Temperature	(10 N)	ISO 306	153	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	90	°C

*Typical values; not to be construed as specifications.

