

Technical Data Sheet**CAPILENE[®] T 89 E**
Polypropylene Homopolymer**Description**

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

CAPILENE[®] T 89 E features: anti-gasfading stabilisation, high flow and easy processability.

Applications

CAPILENE[®] T 89 E is suitable for: continuous filaments (CF), bulk continuous filaments (BCF) and fine denier staple fibres; injection molding of household articles, closures, crates and containers.

Quality, Environment and Safety Regulations

Material Safety Data Sheets and other regulatory documents are available on our web site <http://www.caol.co.il>

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	30	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	155	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	80	°C

**Typical values; not to be construed as specifications.*