

Technical Data Sheet**CAPILENE® G 86 E**
Polypropylene Homopolymer**Description**

CAPILENE® G 86 E is a polypropylene homopolymer intended for extrusion and thermoforming applications.

CAPILENE® G 86 E features: low water carry-over, good processability.

Applications

CAPILENE® G 86 E is suitable for: tapes, strapping, carpet backing, raffia, thermoforming; injection molding of technical items.

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	3	g/10 min
Mechanical				
Tensile Stress at Yield	(50 mm/min)	ISO 527-2	36	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	10	%
Flexural Modulus	(5 mm/min)	ISO 178	1650	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	3.5	kJ/m ²
Thermal				
Vicat Softening Temperature	(10 N)	ISO 306	155	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	90	°C

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