

### Product Description

**CAPILENE® CT 12 EV** is an experimental polypropylene copolymer with narrow molecular weight distribution intended for spunbond nonwoven fabrics, featuring enhanced softness.

**Features:**

- Controlled rheology
- Anti gas fading stabilization
- Low stiffness
- Soft feeling

**Uses:**

- Spunbond nonwoven fabric

**Processing Methods:**

- Continuous filament
- Spunbonding
- Injection molding
- Extrusion

### Properties

#### Physical

Properties	Method	Typical Value*	Unit
<b>Melt Flow Rate</b>	(230°C/2.16 kg) ISO 1133	26	g/10 min

#### Mechanical

<b>Tensile Stress at Yield</b>	(50 mm/min) ISO 527-2	17	MPa
<b>Tensile Strain at Yield</b>	(50 mm/min) ISO 527-2	17	%
<b>Flexural Modulus</b>	(5 mm/min) ISO 178	450	MPa
<b>Izod Impact Strength, notched</b>	(+23°C) ISO 180	6	kJ/m <sup>2</sup>

#### Thermal

<b>Vicat Softening Temperature</b>	(10 N) ISO 306	143	°C
<b>Heat Deflection Temperature</b>	(0.45 MPa) ISO 75-2	60	°C

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

### Health, Quality, Regulations and Safety

This product is not classified as dangerous substance. Material safety data sheets, international standards certificates (e.g. ISO 9001) and other regulatory documents are available on our website. This product is not intended for use in medical or pharmaceutical applications and we do not support its use for such applications.