

**Technical Data Sheet**
**CAPILENE® CE 71 E**
**Specialty Polypropylene**
**Description**

**CAPILENE® CE 71 E** is a specialty polypropylene combining the typical advantages of polypropylene random and heterophasic copolymers, and is designed for extrusion applications.

**CAPILENE® CE 71 E** features: clarified, excellent transparency, high gloss, good stiffness/impact balance at room and low temperatures, good resistance to stress whitening and excellent organoleptic performance.

**Applications**

**CAPILENE® CE 71 E** is suitable for: EBM of clear containers for detergents and cosmetics, sheet extrusion, thermoforming, corrugated sheets, profiles and films.

**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
<b>Physical</b>				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	1.8	g/10 min
<b>Mechanical</b>				
Tensile Stress at Yield	(50 mm/min)	ISO 527-2	24	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	15	%
Flexural Modulus	(5 mm/min)	ISO 178	850	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	55	kJ/m <sup>2</sup>
Izod Impact Strength, notched	(-20°C)	ISO 180	3.5	kJ/m <sup>2</sup>
<b>Thermal</b>				
Vicat Softening Temperature	(A50)	ISO 306	131	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	70	°C
<b>Optical</b>				
Haze	(1 mm plaque)	ASTM D	20	%

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