

**Product Description**

**CAPILENE® QC 56 E** is a high molecular weight polypropylene random copolymer intended for extrusion applications.

**Features:**

- Improved stabilization package
- Excellent impact

**Uses:**

- Clear containers
- Blown films
- Oriented films

**Processing Methods:**

- Blow-molding
- Extrusion

Properties		Method	Typical Value*	Unit
<b>Physical</b>				
<b>Melt Flow Rate</b>	(230°C/2.16 kg)	ISO 1133	0.7	g/10 min
<b>Mechanical</b>				
<b>Tensile Stress at Yield</b>	(50 mm/min)	ISO 527-2	27	MPa
<b>Tensile Strain at Yield</b>	(50 mm/min)	ISO 527-2	15	%
<b>Flexural Modulus</b>	(5 mm/min)	ISO 178	950	MPa
<b>Izod Impact Strength, notched</b>	(+23°C)	ISO 180	20	kJ/m <sup>2</sup>
<b>Thermal</b>				
<b>Vicat Softening Temperature</b>	(10 N)	ISO 306	134	°C
<b>Heat Deflection Temperature</b>	(0.45 MPa)	ISO 75-2	80	°C
<b>Optical</b>				
<b>Haze</b>	(1 mm plaque)	ASTM D1003	30	%

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

**Health, Quality, Regulations and Safety**

This product is not classified as dangerous substance and intended for industrial use, to produce plastic articles. Material safety data sheets, international standards certificates and other regulatory documents are available on our website. Carmel Olefins products have not been tested and therefore not validated for use in pharmaceutical/medical applications, and their suitability for these uses cannot be guaranteed. It is the customer's responsibility to test and approve their technical and regulatory suitability in order to satisfy themselves as to the particular purpose and application(s).

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