

Technical Data Sheet**CAPILENE[®] QC 71 E****Polypropylene Random Copolymer****Description**

CAPILENE[®] QC 71 E is a high molecular weight clarified polypropylene random copolymer for extrusion applications.

CAPILENE[®] QC 71 E is specially designed for EBM process having an excellent durability and esthetics for the production of high volume clear containers. **QC 71 E** is suitable for blown film process having an outstanding clarity and bubble stability.

CAPILENE[®] QC 71 E features: easy processability, high clarity, high gloss and excellent mechanical properties.

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/2.16Kg)	ISO 1133	0.7	g/10min
Mechanical				
Tensile Stress at Yield	(50mm/min)	ISO 527-2	30	MPa
Tensile Strain at Yield	(50mm/min)	ISO 527-2	14	%
Flexural Modulus	(5mm/min)	ISO 178	1150	MPa
Izod Impact Notched	(+23°C)	ISO 179	50	KJ/m ²
Optical				
Haze	(1 mm plaque)	ASTM D1003	20	%

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

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