

Technical Data Sheet
CAPILENE® QC 71 E
Polypropylene Random Copolymer



Product Description

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

Features:

- Clarified
- High gloss
- Bubble stability
- Excellent impact

Uses:

- Clear containers
- High clarity films

Processing Methods:

- Blow Molding
- Blown film extrusion

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	0.7	g/10 min
Mechanical				
Tensile Stress at Yield	(50 mm/min)	ISO 527-2	29	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	14	%
Flexural Modulus	(5 mm/min)	ISO 178	1150	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	50	kJ/m ²
Thermal				
Vicat Softening Temperature	(10 N)	ISO 306	136	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	82	°C
Optical				
Haze	(1 mm plaque)	ASTM D1003	20	%

*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.

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