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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 	•	Bubble stability
	High gloss	•	Excellent impact

High clarity films Uses: Clear containers

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/m²
Thermal					1
Vicat Softening Temp	erature	(10 N)	ISO 306	136	°C
Heat Deflection Temp	erature	(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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