

Capilene® QC 71 E

Polypropylene Random Copolymer

Carmel Olefins Ltd.

Message:

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.

General Information	
Features	High molecular weight Random copolymer
Uses	Blown Film Container
Agency Ratings	EC 1907/2006 (REACH)
Appearance	Clear/transparent
Processing Method	Blow molding Extrusion

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.70	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	30.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	14	%	ISO 527-2/50
Flexural Modulus ¹	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	50	kJ/m ²	ISO 180
Optical	Nominal Value	Unit	Test Method
Haze (1000 µm)	20	%	ASTM D1003

NOTE	
1.	5.0 mm/min

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