## Technical Data Sheet CAPILENE® QE 71 E Polypropylene Random Copolymer



Date: December 2019

## **Product Description**

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

Clarified High gloss		<ul><li>Bubble stability</li><li>Excellent impact</li></ul>	
Clear containers		High clarity films	
Blow Molding Thermoforming		<ul><li>Blown film extrusion</li><li>Extrusion</li></ul>	
	Method	Typical Value*	Unit
(230°C/2.16 kg)	ISO 1133	1.5	g/10 min
(50 mm/min)	ISO 527-2	29	MPa
(50 mm/min)	ISO 527-2	14	%
(5 mm/min)	ISO 178	1100	MPa
(+23°C)	ISO 180	27	kJ/m²
(10 N)	ISO 306	136	°C
(0.45 MPa)	ISO 75-2	82	°C
(1 mm plaque)	ASTM D1003	17	%
	High gloss  Clear containers  Blow Molding Thermoforming  (230°C/2.16 kg)  (50 mm/min) (50 mm/min) (5 mm/min) (10 N) (10 N) (0.45 MPa)	High gloss  Clear containers  Blow Molding Thermoforming  Method  (230°C/2.16 kg) ISO 1133  (50 mm/min) ISO 527-2 (50 mm/min) ISO 527-2 (5 mm/min) ISO 178 (+23°C) ISO 180  (10 N) ISO 306 (0.45 MPa) ISO 75-2	High gloss       • Excellent in         Clear containers       • High clarity         Blow Molding Thermoforming       • Blown film Extrusion         Method       Typical Value*         (230°C/2.16 kg)       ISO 1133       1.5         (50 mm/min)       ISO 527-2       29         (50 mm/min)       ISO 527-2       14         (5 mm/min)       ISO 178       1100         (+23°C)       ISO 180       27         (10 N)       ISO 306       136         (0.45 MPa)       ISO 75-2       82

<sup>\*</sup>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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