Preliminary Technical Data Sheet

CAPILENE® CE 85 B

Specialty Polypropylene

Product Description

CAPILENE® CE 85 B is a specialty polypropylene combining typical advantages of polypropylene random and heterophasic copolymers, and is designed for extrusion applications.

The grade is being in development status, this is a preliminary data sheet and subjected to changes.

Features:	• Excellent impact • Very low stress whitening • Good organoleptic properties • Excellent transparency	• High gloss • Short cycle time • Clarified • Mold release
Uses:	• Detergent and cosmetics clear containers • High clarity films	• Corrugated sheets • Profiles
Processing Methods:	• Blow Molding • Sheet extrusion	• Thermoforming

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	1.8	g/10 min
Mechanical				
Flexural Modulus	(5 mm/min)	ISO 178	760	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	45	kJ/m^2
Izod Impact Strength, notched	(+0°C)	ISO 180	20	kJ/m^2
Izod Impact Strength, notched	(-20°C)	ISO 180	4	kJ/m^2
Thermal				
Vicat Softening Temperature	(10 N)	ISO 306	131	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	74	°C
Optical				
Haze	(1 mm plaque)	ASTM D1003	10	%
Haze	(50 µm film)	ASTM D1003	3	%

*Typical values; not to be construed as specifications.

Health, Quality, Regulations and Safety

This product is not classified as dangerous substance and intended for industrial use, to produce plastic articles. Material safety data sheets, international standards certificates and other regulatory documents are available on our website. Carmel Olefins products have not been tested and therefore not validated for use in pharmaceutical/medical applications, and their suitability for these uses cannot be guaranteed. It is the customer's responsibility to test and approve their technical and regulatory suitability in order to satisfy themselves as to the particular purpose and application(s).

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