Capilene® CE 71 E

Polypropylene Random Copolymer

Carmel Olefins Ltd.

Message:

CAPILENE® CE 71 E is a specialty polypropylene combining the typical advantages of polypropylene random and heterophasic copolymers, and is designed for extrusion applications.
CAPILENE® CE 71 E features: clarified, excellent transparency, high gloss, good stiffness/impact balance at room and low temperatures, good resistance to stress whitening and excellent organoleptic performance.
Applications
CAPILENE® CE 71 E is suitable for: EBM of clear containers for detergents and cosmetics, sheet extrusion, thermoforming, corrugated sheets, profiles and films.

General Information	
Additive	Clarifier
Features	Excellent Organoleptic Properties Rigid, good Highlight Copolymer Stress whitening Impact resistance, good Low temperature impact resistance Definition, high
Uses	Films Wave plate Cosmetics Sheet Container Profile
Agency Ratings	EC 1907/2006 (REACH)
Appearance	Clear/transparent
Processing Method	Extrusion Sheet extrusion molding Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	24.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	15	%	ISO 527-2/50

Flexural Modulus [1]	850	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	3.5	kJ/m²	ISO 180
23°C	55	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	70.0	°C	ISO 75-2/B
Vicat Softening Temperature	131	°C	ISO 306/A50
Optical	Nominal Value	Unit	Test Method
Haze (1000 μm)	20	%	ASTM D1003
NOTE			
1.	5.0 mm/min		

Recommended distributors for this material

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