

Capilene® TP 75 AV

Polypropylene Impact Copolymer

Carmel Olefins Ltd.

Message:

CAPILENE® TP 75 AV is a very high flow polypropylene heterophasic copolymer intended for injection molding.

CAPILENE® TP 75 AV features: controlled rheology, nucleating and antistatic additives, high impact strength, very high flow, short molding cycle time and good dimensional stability.

Applications

CAPILENE® TP 75 AV is suitable for: thin walled items, products with long flow length or complex design.

General Information			
Additive	Nucleating agent		
	Antistatic property		
Features	Nucleated		
	Good dimensional stability		
	Impact copolymer		
	Antistatic property		
	Impact resistance, high		
	High liquidity		
Uses	Thin wall parts		
Agency Ratings	EC 1907/2006 (REACH)		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	50	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	8.0	%	ISO 527-2/50
Flexural Modulus ¹	900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	8.0	kJ/m ²	ISO 180
23°C	20	kJ/m ²	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	140	°C	ISO 306/A
NOTE			
1.	5.0 mm/min		

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