

# Capilene® W 50

Polypropylene Homopolymer

Carmel Olefins Ltd.

Message:

CAPILENE® W 50 is a high melt flow rate polypropylene homopolymer for general purpose injection moulding applications. The resin is characterized by good flow properties combined with reasonable stiffness. It contains basic additives package.

Applications

CAPILENE® W 50 is suitable for multi-cavity injection moulding, household articles, crates and containers.

General Information			
Additive	Unspecified additive		
Features	Rigid, good		
	Homopolymer		
	High liquidity		
Uses	Household goods		
	Container		
	Loading box		
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)	55	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	36.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	9.0	%	ISO 527-2/50
Flexural Modulus <sup>1</sup>	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	2.5	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
NOTE			

1. 5.0 mm/min

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