

Technical Data Sheet
CAPILENE® SL 50
Polypropylene Impact Copolymer



Product Description

CAPILENE® SL 50 is a polypropylene heterophasic copolymer intended for injection molding.

Features:	<ul style="list-style-type: none">• Good impact• Basic additive packaging	<ul style="list-style-type: none">• Good stiffness
Uses:	<ul style="list-style-type: none">• Technical items• Crates	<ul style="list-style-type: none">• Caps and closures• Household articles
Processing Methods:	<ul style="list-style-type: none">• Injection molding	

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	6	g/10 min
Mechanical				
Tensile Stress at Yield	(50 mm/min)	ISO 527-2	24	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	9	%
Flexural Modulus	(5 mm/min)	ISO 178	1200	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	10	kJ/m ²
Izod Impact Strength, notched	(-20°C)	ISO 180	5	kJ/m ²
Thermal				
Vicat Softening Temperature	(10 N)	ISO 306	150	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	80	°C

*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.

Carmel Olefins Ltd. POB 1468 Haifa 31014 Israel
Website: <http://www.Carmel-Olefins.co.il>
Email: techserv@caol.co.il

Date: June 2017

The information contained herein is to our knowledge accurate and reliable as of the date of publication. Carmel Olefins extends no warranties and makes no representations as to the accuracy or completeness of the information contained herein and assumes no responsibility regarding the consequences of its use or for any printing errors. Our products are intended for sale to industrial and commercial customers. It is the customer's responsibility to inspect and test our products in order to satisfy himself as to the suitability of the products for the customer's particular purpose. The customer is also responsible for the appropriate, safe and legal use, processing and handling of our products.