



Technical Data Sheet

CAPILENE® TT 75 AV

Polypropylene Impact Copolymer

Description

CAPILENE® TT 75 AV is a controlled rheology polypropylene heterophasic copolymer intended for injection molding.

CAPILENE® TT 75 AV features: controlled rheology, nucleating and antistatic additives, excellent impact strength even at low temperature, high flow, short molding cycle time and good dimensional stability.

Applications

CAPILENE® TT 75 AV is suitable for: heavy duty technical parts, shelves, cabinets, garden furniture, large containers, pails and toolboxes.

Quality, Environment and Safety Regulations

Material Safety Data Sheets and other regulatory documents are available on our web site <http://www.caol.co.il>

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	25	g/10 min
Mechanical				
Tensile Stress at Yield	(50 mm/min)	ISO 527-2	18	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	8	%
Flexural Modulus	(5 mm/min)	ISO 178	850	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	40	kJ/m ²
Izod Impact Strength, notched	(-20°C)	ISO 180	9.5	kJ/m ²
Thermal				
Vicat Softening Temperature	(10 N)	ISO 306	140	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	70	°C

*Typical values; not to be construed as specifications.

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

Last updated: July 2012

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.