

## Technical Data Sheet

# **CAPILENE<sup>®</sup> TP 75 AV**

## **Polypropylene Impact Copolymer**

### Description

**CAPILENE<sup>®</sup> TP 75 AV** is a very high flow polypropylene heterophasic copolymer intended for injection molding.

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

### 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
<b>Physical</b>				
Melt Flow Rate	(230°C/2.16Kg)	ISO 1133	50	g/10 min
<b>Mechanical</b>				
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	900	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	20	kJ/m <sup>2</sup>
Izod Impact Strength, notched	(-20°C)	ISO 180	8	kJ/m <sup>2</sup>
<b>Thermal</b>				
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.*