

## Technical Data Sheet CAPILENE® TP 75 AV Polypropylene Impact Copolymer

## **Description**

**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.

## **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/2.16Kg)	ISO 1133	50	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	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/m²
Thermal				
Vicat Softening Temperature	(10 N)	ISO 306	140	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	70	°C

<sup>\*</sup>Typical values; not to be construed as specifications.

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