

## Technical Data Sheet

# CAPILENE® W 77 AV

## Polypropylene Homopolymer

### Description

**CAPILENE® W 77 AV** is a very high melt flow rate controlled rheology polypropylene homopolymer for injection molding with antistatic and nucleating additives. It offers a good balance of stiffness and flow, fast cycle, high de-molding temperature, low warpage, and good contact clarity.

### Applications

**CAPILENE® W 77 AV** is designed for multi-cavity injection molding, thin walled packaging products, houseware articles and toys.

### Quality, Environment and Safety Regulations

Material Safety Data Sheets and Product Safety declarations 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	55	g/10min
<b>Mechanical</b>				
Tensile Stress at Yield	(50mm/min)	ISO 527-2	36	MPa
Tensile Strain at Yield	(50mm/min)	ISO 527-2	9	%
Flexural Modulus	(5mm/min)	ISO 178	1800	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	2	KJ/m <sup>2</sup>
<b>Thermal</b>				
Vicat Softening Temperature	(10N)	ISO 306	153	°C
Heat Deflection Temperature	(0.45MPa)	ISO 75-2	100	°C

*\*Typical values; not to be construed as specifications.*

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