

## Technical Data Sheet

# CAPILENE® T 77 A

## Polypropylene Homopolymer

### Description

**CAPILENE® T 77 A** is a high melt flow rate polypropylene homopolymer for injection molding with nucleation and antistatic addition. It exhibits good stiffness, combined with good thermal stability and short molding cycles.

### Applications

**CAPILENE® T 77 A** is designed for household articles, closures, crates, containers and garden furniture. It is frequently used in blends with a heterophasic copolymer such as **Capilene® TT 75 AV**.

### Quality, Environment and Safety Regulations

Material Safety Data Sheet 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	25	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	2000	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	2.5	KJ/m <sup>2</sup>
<b>Thermal</b>				
Vicat Softening Temperature	(10N)	ISO 306	155	°C
Heat Deflection Temperature	(0.45MPa)	ISO 75-2	90	°C

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

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