

**Technical Data Sheet**

# CAPILENE<sup>®</sup> SU 75 AV

## Polypropylene Impact Copolymer

**Description**

**CAPILENE<sup>®</sup> SU 75 AV** is a controlled rheology polypropylene heterophasic copolymer intended for injection molding.

**CAPILENE<sup>®</sup> SU 75 AV** features: controlled rheology, nucleating and antistatic additives, good impact strength, high flow, short molding cycle time and good dimensional stability.

**Applications**

**CAPILENE<sup>®</sup> SU 75 AV** is suitable for: thin walled packaging items, boxes, crates, pails and toys.

**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/2.16 kg)	ISO 1133	44	g/10 min
<b>Mechanical</b>				
Tensile Stress at Yield	(50 mm/min)	ISO 527-2	23	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	8	%
Flexural Modulus	(5 mm/min)	ISO 178	1150	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	9	kJ/m <sup>2</sup>
Izod Impact Strength, notched	(-20°C)	ISO 180	5	kJ/m <sup>2</sup>
<b>Thermal</b>				
Vicat Softening Temperature	(10 N)	ISO 306	147	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	77	°C

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