

**Product Description**

**CAPILENE® TU 75 AV** is a very high impact polypropylene heterophasic copolymer.

- Features:**
- Excellent impact at sub-zero temperature
  - Nucleated
  - Mold release
  - Low warpage
  - Controlled rheology
  - High flow
  - Short cycle time

- Uses:**
- Heavy duty technical items
  - Deep freeze applications
  - Pails
  - Cabinets
  - Large storage boxes
  - Garden furniture
  - Toolboxes

- Processing Methods:**
- Injection molding

Properties		Method	Typical Value*	Unit
<b>Physical</b>				
<b>Melt Flow Rate</b>	(230°C/2.16 kg)	ISO 1133	35	g/10 min
<b>Mechanical</b>				
<b>Tensile Stress at Yield</b>	(50 mm/min)	ISO 527-2	17	MPa
<b>Tensile Strain at Yield</b>	(50 mm/min)	ISO 527-2	7	%
<b>Flexural Modulus</b>	(5 mm/min)	ISO 178	850	MPa
<b>Izod Impact Strength, notched</b>	(+23°C)	ISO 180	40	kJ/m <sup>2</sup>
<b>Izod Impact Strength, notched</b>	(-20°C)	ISO 180	9	kJ/m <sup>2</sup>
<b>Thermal</b>				
<b>Vicat Softening Temperature</b>	(10 N)	ISO 306	136	°C
<b>Heat Deflection Temperature</b>	(0.45 MPa)	ISO 75-2	75	°C

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

**Health, Quality, Regulations and Safety**

This product is not classified as dangerous substance. Material safety data sheets, international standards certificates (e.g. ISO 9001) and other regulatory documents are available on our website. This product is not intended for use in medical or pharmaceutical applications and we do not support its use for such applications.