

Technical Data Sheet

CAPILENE[®] TU 75 AV

Polypropylene Impact Copolymer

Description

CAPILENE[®] TU 75 AV is a high melt flow rate heterophasic copolymer, controlled rheology, with very high impact strength, even at low temperature. It contains antistatic and nucleating agents allowing fast cycle time even on products with high flow length/wall thickness ratios.

Applications

CAPILENE[®] TU 75 AV is especially designed for fast production of thin wall packaging containers requiring good low temperature impact properties and as base resin for compounding applications. Main application areas are automotive articles, frozen food packaging, heavy duty technical parts, household articles, closures, garden furniture, garden large containers, pails and toolboxes.

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
Physical				
Melt Flow Rate	(230°C/2.16Kg)	ASTM D 1238	35	g/10min
Mechanical				
Tensile Stress at Yield	(50mm/min)	ASTM D 638	18	MPa
Tensile Strain at Yield	(50mm/min)	ASTM D 638	8	%
Flexural Modulus		ASTM D 790	850	MPa
Izod Impact Strength, notched	(+23°C)	ASTM D 256	450	J/m
Izod Impact Strength, notched	(-20°C)	ASTM D 256	95	J/m
Thermal				
Vicat Softening Temperature	(10N)	ASTM D 1525	140	°C
Heat Deflection Temperature	(0.45MPa)	ASTM D 648	75	°C

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

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