

Technical Data Sheet

CAPILENE® HT 75 A

Polypropylene Impact Copolymer

Description

CAPILENE® HT 75 A is a nucleated and antistatic additivated high flow impact copolymer for injection molding. This grade is characterized by improved stiffness, medium impact resistance, and good organoleptic properties. **CAPILENE® HT 75 A** has been formulated to allow short cycle time.

Applications

CAPILENE® HT 75 A has been especially developed for injection molding of pails and containers. This grade is also used for the injection molding of furniture, toys, housewares and technical items.

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

Physical

		Method	Typical Value*	Unit
Melt Flow Rate	(230°C/2.16Kg)	ISO 1133	25	g/10min

Mechanical

Tensile Stress at Yield	(50mm/min)	ISO 527-2	24.5	MPa
Tensile Strain at Yield	(50mm/min)	ISO 527-2	6	%
Flexural Modulus	(5mm/min)	ISO 178	1450	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	7.0	KJ/m ²
Izod Impact Strength, notched	(-20°C)	ISO 180	4	KJ/m ²

Thermal

Vicat Softening Temperature	(A50)	ISO 306	147	°C
Heat Deflection Temperature	(0.45MPa)	ISO 75-2	95	°C

*Typical values; not to be construed as specifications.

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