

Technical Data Sheet
CAPILENE[®] CT 71 A
Specialty Polypropylene
Description

CAPILENE[®] CT 71 A is a specialty polypropylene combining the typical advantages of polypropylene random and heterophasic copolymers, and is designed for injection molding.

CAPILENE[®] CT 71 A features: high gloss, good stiffness/impact balance giving a safe solution with less or no sharp fractures that may injure children, good transparency, very low stress whitening, excellent organoleptic performance and short molding cycle.

Applications

CAPILENE[®] CT 71 A is suitable for: thin wall packaging, containers for packaging and storage, household goods, caps & closures, pails and boxes, appliances 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
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	25	g/10 min
Mechanical				
Tensile Stress at Yield	(50 mm/min)	ISO 527-2	24	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	15	%
Flexural Modulus	(5 mm/min)	ISO 178	850	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	18	kJ/m ²
Izod Impact Strength, notched	(-20°C)	ISO 180	3	kJ/m ²
Thermal				
Vicat Softening Temperature	(A50)	ISO 306	129	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	70	°C
Optical				
Haze	(1 mm plaque)	ASTM D	30	%

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