

Technical Data Sheet

CAPILENE[®] Y 50 V

Polypropylene Homopolymer

Description

CAPILENE[®] Y 50 V is a controlled rheology polypropylene homopolymer intended for thin walled injection molding and compounding.

CAPILENE[®] Y 50 V features: controlled rheology, ultra high flow, low warpage and good dimensional stability.

Applications

CAPILENE[®] Y 50 V is suitable for: very thin walled packaging items, products with long flow length or complex design, household articles and toys; compounding applications.

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	120	g/10 min
Mechanical				
Tensile Stress at Yield	(50 mm/min)	ISO 527-2	32	MPa
Tensile Strain at Yield	(50 mm/min)	ISO 527-2	10	%
Flexural Modulus	(5 mm/min)	ISO 178	1450	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	2	kJ/m ²
Thermal				
Vicat Softening Temperature	(10 N)	ISO 306	150	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	85	°C

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