

Pakro Kimya Dış Ticaret A.Ş.

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Technical Data Sheet CAPILENE[®] T 89 E Polypropylene Homopolymer

Description

CAPILENE® T 89 E is a polypropylene homopolymer intended for fibre applications.

CAPILENE® T 89 E features: anti-gasfading stabilisation, high flow and easy processability.

Applications

CAPILENE® T 89 E is suitable for: continuous filaments (CF), bulk continuous filaments (BCF) and fine denier staple fibres; injection molding of household articles, closures, crates and containers.

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
					1
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	30	MPa
Tensile Strain at Yield		(50 mm/min)	ISO 527-2	12	%
Flexural Modulus		(5 mm/min)	ISO 178	1450	MPa
Izod Impact Strength,	notched	(+23°C)	ISO 180	2.5	kJ/m ²
Thermal					
Vicat Softening Tempe	rature	(10 N)	ISO 306	155	°C
Heat Deflection Tempe	rature	(0.45 MPa)	ISO 75-2	80	°C
*Typical values; not to be construed as specifications.					

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