Technical Data Sheet

CAPILENE® T 12 EV

Polypropylene Homopolymer

Product Description

CAPILENE® T 12 EV is a polypropylene homopolymer with narrow molecular weight distribution intended for spunbond nonwoven.

Features:	• Controlled rheology • Anti gas fading stabilization	• Low warpage
Uses:	• Spunbond nonwoven fabric	
Processing Methods:	• Continuous filament • Spunbonding	• Extrusion

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230°C/2.16 kg)	ISO 1133	26	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	1250	MPa
Izod Impact Strength, notched	(+23°C)	ISO 180	3	kJ/m^2
Thermal				
Vicat Softening Temperature	(10 N)	ISO 306	150	°C
Heat Deflection Temperature	(0.45 MPa)	ISO 75-2	81	°C

*Typical values; not to be construed as specifications.

Health, Quality, Regulations and Safety

This product is not classified as dangerous substance. Material safety data sheets, international standards certificates (e.g. ISO 9001) and other regulatory documents are available on our website. This product is not intended for use in medical or pharmaceutical applications and we do not support its use for such applications.

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