CAPILENE® SE 50 E Polypropylene Impact Copolymer



38 kJ/m²

kJ/m²

Date: June 2017

Product Description

CAPILENE® **SE 50 E** is a low melt flow rate polypropylene heterophasic copolymer.

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Features:	• Excellent impact at sub-zero temperature			Good stiffness		
Uses:	•	Sheets Corrugated sheets Profiles		Technical itemsPipes and fittingsContainers		
Processing Methods:	•	Sheet extrusion Pipe extrusion	Injection moldingBlow molding			
Properties	L.		Method	Typical Value*	Unit	
Physical						
Melt Flow Rate		(230°C/2.16 kg)	ISO 1133	1.3	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	11	%	
Flexural Modulus		(5 mm/min)	ISO 178	1200	MPa	
					1	

ISO 180

ISO 180

Thermal

Vicat Softening Temper	ature (1	0 N)	ISO 306	150	0 9	,C
Heat Deflection Temper	rature (0	.45 MPa)	ISO 75-2	90	0 9	,C

(+23°C)

(-20°C)

Health, Quality, Regulations and Safety

Izod Impact Strength, notched

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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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^{*}Typical values; not to be construed as specifications.