

Pakro Kimya Dış Ticaret A.Ş.

İstoç Ticaret Merkezi Aktem Plaza Kat:5 Daire:33 Bağcılar/İstanbul

## **CAPILENE® SG 50** Polypropylene Impact Copolymer



## **Product Description**

**CAPILENE® SG 50** is a polypropylene heterophasic copolymer intended for injection molding.

Features:	<ul><li>Good impact</li><li>Basic additive packaging</li></ul>			Good stiffness	
Uses:	• •	Technical items Crates Toys	<ul> <li>Caps and closures</li> <li>Household articles</li> </ul>		
Processing Methods:	•	Injection molding			
Properties			Method	Typical Value*	Unit
Physical					
Melt Flow Rate		(230°C/2.16 kg)	ISO 1133	3.5	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	9	%
Flexural Modulus		(5 mm/min)	ISO 178	1200	MPa
Izod Impact Strength, no	tched	(+23°C)	ISO 180	14	kJ/m²
Izod Impact Strength, no	tched	(-20°C)	ISO 180	5	kJ/m²
Thermal					
Vicat Softening Temperat	ure	(10 N)	ISO 306	150	°C
Heat Deflection Temperat	ure	(0.45 MPa)	ISO 75-2	85	°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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