

# Capilene® ST 75 A

Polypropylene Impact Copolymer

Carmel Olefins Ltd.

## Message:

CAPILENE® ST 75 A is a nucleated medium flow impact copolymer for injection molding. It offers excellent stiffness/impact balance combined with medium fluidity and good dimensional stability. Due to high crystallization temperature it offers shorter cycle time.

## Applications

CAPILENE® ST 75 A is intended for injection molding of boxes, crates, furniture and toys. It is suitable in items like pails and containers.

General Information			
Additive	Nucleating agent		
Features	Nucleated		
	Good dimensional stability		
	Rigidity, high		
	Impact copolymer		
	Impact resistance, high		
	Medium liquidity		
Uses	Furniture		
	Container		
	Barrel		
	Toys		
	Loading box		
Agency Ratings	EC 1907/2006 (REACH)		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	22.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	6.0	%	ISO 527-2/50
Flexural Modulus <sup>1</sup>	1200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	7.0	kJ/m²	ISO 180
23°C	11	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
Vicat Softening Temperature	145	°C	ISO 306/A50

## NOTE

1. 5.0 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

