

Technical Data Sheet

CAPILENE® SY 75 AV



Polypropylene Impact Copolymer

Product Description

CAPILENE® SY 75 AV is a polypropylene heterophasic copolymer intended for High-speed injection molding.

Features:	• Nucleated	• Very high flow
	• Mold release	• Short cycle time
Uses:	• Good impact	• Low warpage
	• Controlled rheology	
Processing Methods:	• Thin wall packaging	• Household articles

Processing Methods:

- Injection molding

Properties	Method	Typical Value*	Unit
Physical			
Melt Flow Rate	(230°C/2.16 kg) ISO 1133	90	g/10 min
Mechanical			
Tensile Stress at Yield	(50 mm/min) ISO 527-2	20	MPa
Tensile Strain at Yield	(50 mm/min) ISO 527-2	5.5	%
Flexural Modulus	(5 mm/min) ISO 178	1150	MPa
Izod Impact Strength, notched	(+23°C) ISO 180	6.5	kJ/m ²
Izod Impact Strength, notched	(-20°C) ISO 180	5	kJ/m ²
Thermal			
Vicat Softening Temperature	(10 N) ISO 306	140	°C
Heat Deflection Temperature	(0.45 MPa) ISO 75-2	84	°C

*Typical values; not to be construed as specifications.

Health, Quality, Regulations and Safety

This product is not classified as dangerous substance and intended for industrial use, to produce plastic articles. Material safety data sheets, international standards certificates and other regulatory documents are available on our website. Carmel Olefins products have not been tested and therefore not validated for use in pharmaceutical/medical applications, and their suitability for these uses cannot be guaranteed. It is the customer's responsibility to test and approve their technical and regulatory suitability in order to satisfy themselves as to the particular purpose and application(s).

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