

## Carmel Olefins CAPILENE® SW 75 AV Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

### Material Notes:

Description: CAPILENE® SW 75 AV is a high melt flow rate, controlled rheology impact copolymer for injection molding. CAPILENE® SW 75 AV is nucleated with antistatic additivition. It is characterized by good stiffness and impact resistance as well as low shrinkage and low warpage.Applications: CAPILENE® SW 75 AV is suitable for high speed injection molding of thin walled packaging containers and household articles.Information provided by Carmel Olefins.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Carmel-Olefins-CAPILENE-SW-75-AV-Polypropylene-Impact-Copolymer.php](http://www.lookpolymers.com/polymer_Carmel-Olefins-CAPILENE-SW-75-AV-Polypropylene-Impact-Copolymer.php)

Physical Properties	Metric	English	Comments
Melt Flow	65 g/10 min	65 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.0 MPa	3480 psi	50 mm/min; ASTM D638
Elongation at Yield	8.0 %	8.0 %	50 mm/min; ASTM D638
Flexural Modulus	1.20 GPa	174 ksi	ASTM D790
Izod Impact, Notched	0.450 J/cm	0.843 ft-lb/in	ASTM D256
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	0.750 J/cm	1.41 ft-lb/in	ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	ASTM D648
Vicat Softening Point	147 °C	297 °F	ASTM D1525
	@Load 1.02 kg	@Load 2.25 lb	

## Contact Songhan Plastic Technology Co.,Ltd.

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