

Carmel Olefins CAPILENE® SU 75 AV Polypropylene Impact Copolymer

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

Material Notes:

Description: CAPILENE® SU 75 AV is a high melt flow rate, controlled rheology impact copolymer for injection molding. CAPILENE® SU 75 AV is nucleated with antistatic additive. It offers outstanding processability combined with good impact strength and dimensional stability. **Applications:** CAPILENE® SU 75 AV is used in large items with good impact resistance such as boxes, crates, pails, thin walled containers and toys. Information provided by Carmel Olefins.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Carmel-Olefins-CAPILENE-SU-75-AV-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	44 g/10 min	44 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	9.0 %	9.0 %	50 mm/min; ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	ASTM D790
Izod Impact, Notched	0.500 J/cm	0.937 ft-lb/in	ASTM D256
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	0.800 J/cm	1.50 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)	94.0 °C	201 °F	ASTM D648
Vicat Softening Point	147 °C	297 °F	ASTM D1525
	@Load 1.02 kg	@Load 2.25 lb	

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