

Carmel Olefins CAPILENE® T 77 A Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

CAPILENE® T 77 A is a high melt flow rate polypropylene homopolymer for injection molding with nucleation and antistatic addition. It exhibits good stiffness, combined with good thermal stability and short molding cycles. APPLICATIONS CAPILENE ® T 77 A is designed for household articles, closures, crates, containers and garden furniture. It is frequently used in blends with a heterophasic copolymer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Carmel-Olefins-CAPILENE-T-77-A-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	25 g/10 min	25 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	38.0 MPa	5510 psi	ASTM D638
Elongation at Yield	9.0 %	9.0 %	ASTM D638
Flexural Modulus	1.80 GPa	261 ksi	ASTM D790
Izod Impact, Notched	0.250 J/cm	0.468 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)	110 °C	230 °F	ASTM D648
Vicat Softening Point	155 °C	311 °F	ASTM D1525
	@Load 1.02 kg	@Load 2.25 lb	

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