

Carmel Olefins CAPILENE® T 12 EV Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Fiber Grade

Material Notes:

CAPILENE® T 12 EV is a polypropylene homopolymer with narrow molecular weight distribution, controlled rheology, intended for fiber applications. It is characterized by easy processing, very good melt flow and optimal product consistency. APPLICATIONS CAPILENE® T 12 EV is designed for the production of spunbonded nonwovens.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Carmel-Olefins-CAPILENE-T-12-EV-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	24 g/10 min @Load 2.16 kg, Temperature 230 °C	24 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus	1.35 GPa	196 ksi	ASTM D790
Izod Impact, Notched	0.250 J/cm @Temperature >=23.0 °C	0.468 ft-lb/in @Temperature >=73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	109 °C	228 °F	ASTM D648
Vicat Softening Point	155 °C @Load 1.02 kg	311 °F @Load 2.25 lb	ASTM D1525

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