

Carmel Olefins CAPILENE® T 89 E Polypropylene Homopolymer

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

Material Notes:

Description: CAPILENE® T 89 E is a high melt flow rate homopolymer for continuous filaments, staple fibers and for injection molding. It is formulated with an anti-gasfading stabilization package. It exhibits good stiffness and toughness balance, combined with good processability. Applications: CAPILENE® T 89 E is suitable for gasfading resistance continuous filaments (BCF & CF), for gasfading resistance staple fibers and injection molding of household articles, closures, crates, containers and garden furniture. Information provided by Carmel Olefins.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Carmel-Olefins-CAPILENE-T-89-E-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	25 g/10 min @Load 2.16 kg, Temperature 230 °C	25 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	50 mm/min; ASTM D638
Elongation at Yield	12 %	12 %	50 mm/min; ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	ASTM D790
Izod Impact, Notched	0.250 J/cm	0.468 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	97.0 °C	207 °F	ASTM D648
Vicat Softening Point	155 °C @Load 1.02 kg	311 °F @Load 2.25 lb	ASTM D1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China