

Carmel Olefins CAPILENE® HT 75 A Polypropylene Impact Copolymer

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

Material Notes:

Description: CAPILENE® HT 75 A is a nucleated and antistatic high flow impact copolymer for injection molding. It is characterized by improved stiffness, medium impact resistance and good organoleptic properties. CAPILENE® HT 75 A has been formulated to allow short cycle time. **Applications:** CAPILENE® HT 75 A has been especially developed for injection molding of pails and containers. This grade is also used for the injection molding of furniture, toys, housewares and technical items. Information provided by Carmel Olefins.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Carmel-Olefins-CAPILENE-HT-75-A-Polypropylene-Impact-Copolymer.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	25.0 MPa	3630 psi	50 mm/min; ASTM D638
Elongation at Yield	6.0 %	6.0 %	50 mm/min; ASTM D638
Flexural Modulus	1.45 GPa	210 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	
	0.700 J/cm	1.31 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)	105 °C	221 °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.

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