

Carmel Olefins CAPILENE® HU 75 AV Polypropylene Impact Copolymer

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

Material Notes:

Description: CAPILENE® HU 75 AV is a nucleated and antistatic controlled rheology impact copolymer for injection molding. It is characterized by improved stiffness and medium impact resistance. CAPILENE® HU 75 AV has been formulated to allow short cycle time. Applications: CAPILENE® HU 75 AV 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-HU-75-AV-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	33 g/10 min @Load 2.16 kg, Temperature 230 °C	33 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

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	0.350 J/cm @Temperature -20.0 °C	0.656 ft-lb/in @Temperature -4.00 °F	ASTM D256
	0.650 J/cm @Temperature 23.0 °C	1.22 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 °C	221 °F	ASTM D648
Vicat Softening Point	147 °C @Load 1.02 kg	297 °F @Load 2.25 lb	ASTM D1525

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