

Eastman Tenite 264-10 CAB Cellulose Acetate Butyrate (discontinued **)

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Cellulosic , Cellulose Acetate Butyrate, Molded

Material Notes:

10% Plasticized. ISO data as provided by the manufacturer, Eastman Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eastman-Tenite-264-10-CAB-Cellulose-Acetate-Butyrate-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	
Linear Mold Shrinkage, Flow	0.0020 - 0.0060 cm/cm	0.0020 - 0.0060 in/in	
	@Thickness 3.20 mm	@Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	
Elongation at Yield	5.0 %	5.0 %	
Tensile Modulus	1.59 GPa	231 ksi	1mm/min
Charpy Impact Unnotched	NB	NB	
	NB	NB	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	1.26 J/cm ²	6.00 ft-lb/in ²	
	0.330 J/cm ²	1.57 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	130 µm/m-°C	72.2 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
CTE, linear, Transverse to Flow	140 µm/m-°C	77.8 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	82.0 °C	180 °F	
Deflection Temperature at 1.8 MPa (264 psi)	84.0 °C	183 °F	

Vicat Softening Point Thermal Properties	89.0 °C Metric	192 °F English	Comments
Glass Transition Temp, Tg	107 °C	225 °F	

Processing Properties	Metric	English	Comments
Melt Temperature	220 - 240 °C	428 - 464 °F	

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