

## Eastman Tenite 525-10 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-525-10-CAB-Cellulose-Acetate-Butyrate-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Eastman-Tenite-525-10-CAB-Cellulose-Acetate-Butyrate-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in <sup>3</sup>	
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	29.0 MPa	4210 psi	50 mm/min
Elongation at Break	>= 50 %	>= 50 %	
Elongation at Yield	4.0 %	4.0 %	
Tensile Modulus	1.52 GPa	220 ksi	1mm/min
Charpy Impact Unnotched	NB	NB	
	NB	NB	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	1.45 J/cm <sup>2</sup>	6.90 ft-lb/in <sup>2</sup>	
	0.420 J/cm <sup>2</sup>	2.00 ft-lb/in <sup>2</sup>	
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	135 µm/m-°C	75.0 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
CTE, linear, Transverse to Flow	137 µm/m-°C	76.1 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	91.0 °C	196 °F	
Deflection Temperature at 1.8 MPa (264 psi)	83.0 °C	181 °F	

Vicat Softening Point Thermal Properties	83.0 °C Metric	181 °F English	Comments
Glass Transition Temp, Tg	102 °C	216 °F	

Processing Properties	Metric	English	Comments
Melt Temperature	215 - 230 °C	419 - 446 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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