

Eastman Ecdel PCCE 9967 Copolyester Ether Elastomer

Category : Polymer , Thermoplastic , Polyester, TP

Material Notes:

ISO data as provided by the manufacturer, Eastman Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eastman-Ecdel-PCCE-9967-Copolyester-Ether-Elastomer.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	

Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 50 %	>= 50 %	
Tensile Modulus	0.132 GPa	19.1 ksi	1mm/min
Charpy Impact Unnotched	NB	NB	
	NB	NB	
	@Temperature -30.0 °C	@Temperature -22.0 °F	
Charpy Impact, Notched	NB	NB	
	0.820 J/cm ²	3.90 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	189 µm/m-°C	105 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
CTE, linear, Transverse to Flow	184 µm/m-°C	102 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Melting Point	199 °C	390 °F	
Deflection Temperature at 0.46 MPa (66 psi)	63.0 °C	145 °F	
Deflection Temperature at 1.8 MPa (264 psi)	46.0 °C	115 °F	
Vicat Softening Point	53.0 °C	127 °F	
Glass Transition Temp, Tg	-3.00 °C	26.6 °F	

Processing Properties	Metric	English	Comments
Melt Temperature	225 - 260 °C	437 - 500 °F	

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