

AorTech Biomaterials Elast-Eon™ E2-945 Biomedical Polyurethane Pellets

Category : Polymer , Thermoplastic , Polyurethane, TP , Silicone Polyurethane, Ether Based

Material Notes:

Elast-Eon™ polymers are used in biomedical applications. They have high biostability so they can be used for long term implantation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_AorTech-Biomaterials-Elast-Eon-E2-945-Biomedical-Polyurethane-Pellets.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	
Tensile Strength at Break	28.0 MPa	4060 psi	
Tensile Stress	12.0 MPa	1740 psi	
	@Strain 100 %	@Strain 100 %	
	15.0 MPa	2180 psi	
	@Strain 200 %	@Strain 200 %	
	18.0 MPa	2610 psi	
	@Strain 300 %	@Strain 300 %	
Elongation at Break	>= 400 %	>= 400 %	
Modulus of Elasticity	0.115 GPa	16.7 ksi	
Tear Strength	97.0 kN/m	553 pli	

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