

AorTech Biomaterials ECSil™ 70D Biomedical Carbonate Silicone Pellets

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

Material Notes:

Elast-Eon™ Carbonate Silicone (ECSil™) is a family of next generation biomedical polymers. ECSil™ is finding strong interest in cardiac pacing leads, orthopaedics, spinal discs, and generally any application where the device requires a very high level of mechanical performance. ECSil™ is soluble in both THF and DMAc; it is supplied in pellet form.

Order this product through the following link:

http://www.lookpolymers.com/polymer_AorTech-Biomaterials-ECSil-70D-Biomedical-Carbonate-Silicone-Pellets.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	
Tensile Strength at Break	40.0 MPa	5800 psi	
Elongation at Break	300 %	300 %	
Modulus of Elasticity	0.450 GPa	65.3 ksi	
Tear Strength	175 kN/m	999 pli	

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