



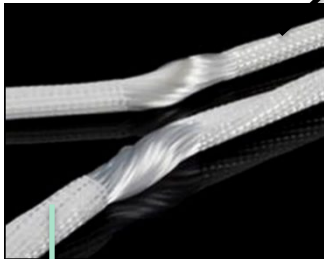
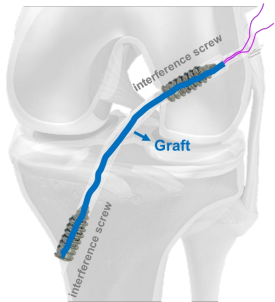
Biomedical Polyester and Ceramic Composite Materials Application on Artificial Ligaments

□ Introduction

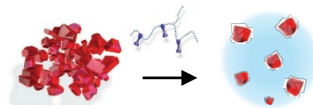
Through adding dispersant, Bioceramics into Biomedical polyester and dispersion technology. The composite material of degradable (PLA) and non-degradable materials (PET) are combined with functional design and weaving to create artificial ligaments that can help tissue formation

□ Functional Artificial Ligament

Fixing Part to Bone : Biopolymer+Bio ceramic



Dispersion Technology



Good dispersion for Bio ceramic in polymer make Spinning and Weaving worked

Biopolymer



Spinning



Biopolymer Fiber

Biopolymer + Bio ceramic Fiber

Weaving

