

COMMITTEE F04.11 ON POLYMERIC MATERIALS

MATERIALS

| Designation | Description |
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| F451-08 | Standard Specification for Acrylic Bone Cement |
| F602-09 | Standard Criteria for Implantable Thermoset Epoxy Plastics |
| F639-09 | Standard Specification for Polyethylene Plastics for Medical Applications |
| F641-09 | Standard Specification for Implantable Epoxy Electronic Encapsulants |
| F648-10a | Standard Specification for Ultra-High-Molecular-Weight Polyethylene Powder and Fabricated Form for Surgical Implants |
| F702-10 | Standard Specification for Polysulfone Resin for Medical Applications |
| F754-08 | Standard Specification for Implantable Polytetrafluoroethylene (PTFE) Sheet, Tube, and Rod Shapes Fabricated from Granular Molding Powders |
| F755-99(2011) | Standard Specification for Selection of Porous Polyethylene for Use in Surgical Implants |
| F997-10 | Standard Specification for Polycarbonate Resin for Medical Applications |
| F1855-00(2011) | Standard Specification for Polyoxymethylene (Acetal) for Medical Applications |
| F1925-09 | Standard Specification for Semi-Crystalline Poly(lactide) Polymer and Copolymer Resins for Surgical Implants |
| F2026-10 | Standard Specification for Polyetheretherketone (PEEK) Polymers for Surgical Implant Applications |
| F2038-00(2011) | Standard Guide for Silicone Elastomers, Gels and Foams Used in Medical Applications Part I - Formulations and Uncured Materials |

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| F2313-10 | Standard Specification for Poly (glycolide) and Poly (glycolide-co-lactide) Resins for Surgical Implants with Mole Fractions Greater Than or Equal to 70 % Glycolide |
| F2579-10 | Standard Specification for Amorphous Poly(lactide) and Poly(lactide-co-glycolide) Resins for Surgical Implants |
| F2695-07 | Standard Specification for Ultra-High Molecular Weight Polyethylene Powder Blended With Alpha-Tocopherol (Vitamin E) and Fabricated Forms for Surgical Implant Applications |
| F2848-10 | Standard Specification for Medical-Grade Ultra-High Molecular Weight Polyethylene Yarns |
| WK24511 | New Specification for Polyetherketoneketone (PEKK) Polymers for Surgical Implant Applications |
| WK34726 | New Specification for Acrylic Molding Resins for Medical Applications |
| TESTING METHODS | |
| Designation | Description |
| F624-09 | Standard Guide for Evaluation of Thermoplastic Polyurethane Solids and Solutions for Biomedical Applications |
| F665-09 | Standard Classification for Vinyl Chloride Plastics Used in Biomedical Application |
| F2042-00(2011) | Standard Guide for Silicone Elastomers, Gels, and Foams Used in Medical Applications Part II - Crosslinking and Fabrication |
| F2565-06 | Standard Guide for Extensively Irradiation-Crosslinked Ultra-High Molecular Weight Polyethylene Fabricated Forms for Surgical Implant Applications |
| F2759-11 | Standard Guide for Assessment of the Ultra High Molecular Weight Polyethylene (UHMWPE) Used in Orthopedic and Spinal Devices |
| WK29637 | New Guide for Assessment of Absorbable Polymeric Implants |