

Ensinger Tecapeek® XP98 XRO Polyetheretherketone (PEEK), compression molded, 30% carbon fiber filled, x-ray opaque

Category : Polymer , Thermoplastic , Polyketone , Polyetheretherketone (PEEK) , Polyetheretherketone, PEEK, Carbon Fiber Filled

Material Notes:

TECAPEEK™ high performance polymer, made from Victrex PEEK polymer, has successfully replaced glass, stainless steel and titanium in a growing range of medical applications. The material's exceptional combination of properties allow engineers and designers the ability to create cost-effective, innovative parts that exhibit outstanding wear, heat, electrical and chemical resistance. The TECAPEEK™ family is made up of materials for medical applications. TECAPEEK™ MT, unfilled pigmented medical grade PEEK TECAPEEK™ XP98, compression molded 30% carbon fiber filled PEEK (isotropic properties) TECAPEEK™ MT CF30, extruded 30% carbon fiber filled PEEK TECAPEEK™ Classic™, ISO 10993 certification by resin and extrusion lot of 30 days contact TECAPEEK™ Classix™ XRO-20 radio opaque grade with 20% BaSO4 added. The TECAPEEK™ family of high performance plastics are high effective in the creation and manufacture of high quality medical instruments. Five separate grades, each with qualities to meet a wide range of requirements for the engineer and product designer. Information Provided by Ensinger Industries, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ensinger-Tecapeek-XP98-XRO-Polyetheretherketone-PEEK-compression-molded-30-carbon-fiber-filled-x-ray-opaque.php

Thermal Properties	Metric	English	Comments
Melting Point	340 °C	644 °F	
Maximum Service Temperature, Air	260 °C	500 °F	continuous

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