

T CONNECTION



MOULDED MATERIAL	PEEK
FAMILY OF MATERIALS	PAEK ; PEEK ; PEK ; PEEKK ; PEKK ; PEKEKK (Polyariletherketone)
POLYMER'S FEATURES	<p>VICTREX® PEEK materials are based on the polyeteretherketone resin. This high technology semi crystalline thermoplastic has a unique combination of mechanical properties, temperature resistance and chemical resistance that make it the best known among the so called «advanced plastic materials».</p> <ul style="list-style-type: none"> – High maximum usage temperature in the air (250°C continuous temperature, up to 310°C for short period) – High mechanical resistance, creep stiffness and hardness, also at high temperatures – Excellent chemical and hydrolysis resistance – Excellent friction and wear resistance – Good dimensional stability – Low intrinsic flammability and very low flue gas emission during the combustion process – Good dielectric properties and electrical isolation (except for carbon-filled PEEK) – Excellent resistance to strong energy radiations (gamma and X-rays) – In accordance to EU and FDA directives, concerning materials being in contact to food substances. <p>These features, along with its excellent sterizability through steam, dry heat, ethylen oxide and gamma rays make this product particularly appreciated for medical, pharmaceutical and food applications.</p>
APPLICATION FIELDS	<p>Any fields where high performance polymers are needed.</p> <p>In this case the coupling requires high temperature resistance, chemical and repeated sterilization cycles, the polymer must also be compatible with the medical</p>
SPECIAL NOTES	<p>Cattini Engineering Plastics is recommended by:</p> <ul style="list-style-type: none"> - VICTREX® : http://victrex.com -