

CAM RING



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> <p>High maximum usage temperature in the air (250°C continuous temperature, up to 310°C for short period)</p> <p>High mechanical resistance, creep stiffness and hardness, also at high temperatures</p> <p>Excellent chemical and hydrolysis resistance</p> <p>Excellent friction and wear resistance</p> <p>Excellent dimensional stability</p> <p>Low intrinsic flammability and very low flue gas emission during the combustion process</p> <p>Good dielectric properties and electrical isolation (except for carbon-filled PEEK)</p> <p>Excellent resistance to strong energy radiations (gamma and X-rays)</p> <p>In accordance to EU and FDA directives, concerning materials being in contact to food substances.</p> <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 cam requires a minimum moisture absorption, high dimensional stability with temperature extremes.</p>
SPECIAL NOTES	<p>Cattini Engineering Plastics is recommended by:</p> <p>- VICTREX® : http://victrex.com -</p>