

# VALVE FITTING



<b>MOULDED MATERIAL</b>	PEEK-CA ( Carbon charge)
<b>FAMILY OF MATERIALS</b>	PAEK ; PEEK ; PEK ; PEEKK ; PEKK ; PEKEKK (Polyariletherketone)
<b>POLYMER'S FEATURES</b>	<p>VICTREX® PEEK materials are based on the polyeteretherketone resin. This high technology semi crystalline <a href="#">thermoplastic</a> 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"> <li>- High maximum usage temperature in the air (250°C continuous temperature, up to 310°C for short period)</li> <li>- High mechanical resistance, creep stiffness and hardness, also at high temperatures</li> <li>- Excellent chemical and hydrolysis resistance</li> <li>- Excellent friction and wear resistance</li> <li>- Good dimensional stability</li> <li>- Low intrinsic flammability and very low flue gas emission during the combustion process</li> <li>- Good dielectric properties and electrical isolation (except for carbon-filled PEEK)</li> <li>- Excellent resistance to strong energy radiations (gamma and X-rays)</li> <li>- In accordance to EU and FDA directives.</li> </ul>
<b>APPLICATION FIELDS</b>	Any fields where high performance polymers are needed,in this case, the coupling valve requires high stability at high temperatures, high resistance to chemicals, preparation of polymer bonding and application of metal fasteners
<b>SPECIAL NOTES</b>	Cattini Engineering Plastics is recommended by: - VICTREX® : <a href="http://victrex.com">http://victrex.com</a> -