

BUSH



MOULDED MATERIAL	PEEK-CA (Carbon charge)
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.
APPLICATION FIELDS	Any fields where high performance polymers are needed, in this case, the Bushes require a low coefficient of friction, good dimensional stability and high resistance to high temperatures
SPECIAL NOTES	<p>Cattini Engineering Plastics is recommended by:</p> <ul style="list-style-type: none"> - VICTREX® : http://victrex.com -