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FLUOROBASED PRODUCTS

CATALOGUE



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GUARNIFLON[®]

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PTFE G673

Toughness and elasticity in the same PTFE compound

PTFE G673 is a new patented stainless steel filled PTFE developed to overcome surface finish problems after CNC and mechanical machining of standard SS filled PTFE. Composed of a unique blend of PTFE and special SS 316L powder **PTFE G673** defines new standard for PTFE compounds in terms of mechanical strength, toughness, elasticity, durability and surface finish.

PTFE G673 ist ein neues, patentiertes Material aus PTFE, gefüllt mit rostfreiem Stahl. Entwickelt wurde es um Probleme bei der Oberflächenveredelung nach CNC sowie bei mechanischer Bearbeitung zu vermeiden. Eine Mischung aus PTFE und einem speziellen SS 316L Pulver macht **PTFE G673** zu einem neuen Standard in Bezug auf mechanische Festigkeit, Elastizität, Haltbarkeit und Oberflächengüte.

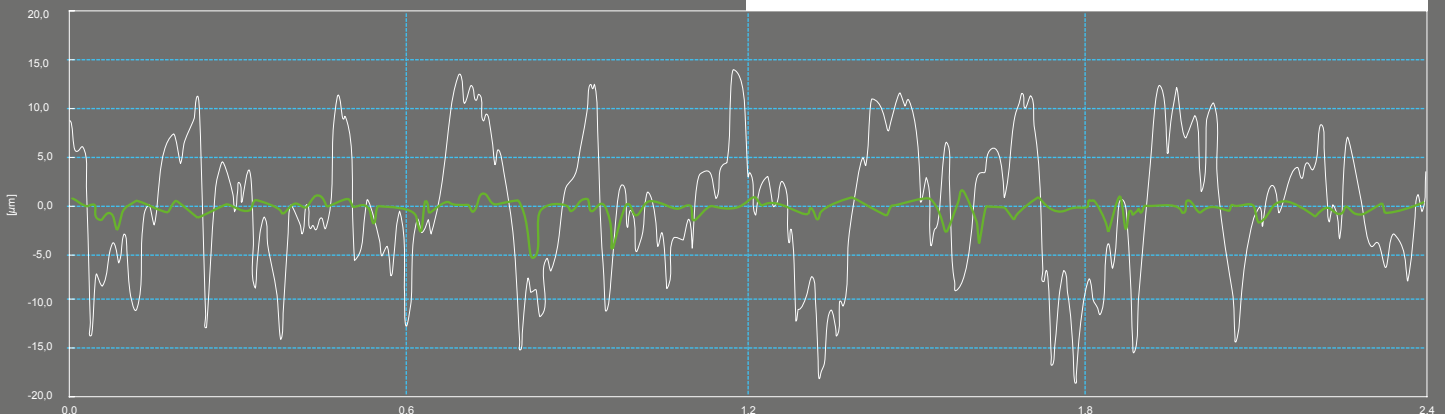
Il compound **G673** è un nuovo prodotto brevettato dove la base in PTFE è stata caricata con un filler speciale di acciaio in grado di conferire finiture superficiali particolarmente scorrevoli dopo le lavorazioni meccaniche, assolutamente superiori rispetto ai valori che si ottengono con l'utilizzo di filler di acciai standard. Creato con l'utilizzo di un filler speciale in SS 316L, il nostro **G673** ridefinisce gli standard dei compound in PTFE in termini di resistenza, durezza, elasticità, durata e finitura superficiale.

Le compound **G673** est un nouveau produit breveté, où la base en PTFE a été améliorée par une charge spéciale, capable de conférer des finitions spéciales de surfaces, en particulier de glissement après l'usinage, absolument supérieure par rapport aux valeurs obtenues avec l'utilisation d'une charge d'aciers standards. Créé avec l'utilisation d'une charge spéciale en Inox 316L, notre **G673** redéfinit les standards des compounds de PTFE en termes de résistance, dureté, d'élasticité, durée et état de surface.

PTFE G673 KEY PROPERTIES

<ul style="list-style-type: none"> • Reduced cost of machining operation • Smooth surface finish after CNC machining • Low porosity • Higher elasticity in comparison to standard SS filled PTFE 	<ul style="list-style-type: none"> • Higher compression strength and reduced cold flow providing a leak-free material • Better wear resistance in comparison to standard SS filled PTFE • Ideal for extreme temperature and pressure application • FDA and EU 10/2011 approved
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ROUGHNESS PROFILE AFTER CNC MACHINING



Standard SS filled PTFE

PTFE G673





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