



<b>COMPANY STATEMENT</b>	<b>Flammability Testing to recognized Industry Standards</b>	
<b>SUPPLIER</b>	Victrex Manufacturing Ltd	
<b>PRODUCT NAME</b>	<p><b>VICTREX™ PEEK grades (unfilled):</b> 150G, 151G, 150P, 380P, 381G, 450P, 650P, 650G</p> <p><b>VICTREX™ PEEK grades (compounds):</b> 90CA30, 90GL30, 90GL60, 90GL30BLK, 90HMF20, 90HMF40, 150CA30, 150FC30, 150GL15, 150GL20, 150GL30, 150GL30BLK, 450CA20, 450CA30, 450FC30, 450GL30, 450GL15, 450GL20, 450GL30, 450GL30BLK, 450G903, 650CA30, ESD101</p>	<p><b>VICTREX FG™ grades:</b> FG100</p> <p><b>VICTREX HT™ grades:</b> 22CA30, 22GL30</p> <p><b>VICTREX ST™ grades:</b> STP45, STG45, ST45CA30, ST45GL30</p> <p><b>LMPAEK™ grades:</b> LMPAEK™ 101, LMPAEK™ 103 and LMPAEK™ 231</p>

This statement confirms that the Victrex grades listed above have been tested to the flammability testing standard UL94<sup>1</sup> and meet the requirements of UL94-V0 at 3.0 mm thickness, demonstrated by type testing of representative samples. Further information, including information on the thicknesses tested, can be obtained from the UL product database available at <https://productiq.ulprospector.com/en> under document name QMFZ2.E161131.

The above Victrex grades have **not** been tested against the requirements of the FMVSS 302<sup>2</sup> flammability standard specific to the automotive industry since the UL94 testing standard is considered as one of the most widely recognised and stringent flammability testing regimes that may be applied across multiple intended application areas. The table below compares the test conditions for FMVSS 302 and UL94-V0 to help towards understanding the similarities and differences between the two tests.



Conditions	FMVSS302	UL94-V0
Specimen size	14" x 4" x 0.5" 356mm x 102mm x 13mm	5" x 0.5" x 0.06" 125mm x 13mm x 3.0mm
Positioning	Horizontal	Vertical
Flame Height	1.5" 38mm	0.75" 19mm
Gap (Bunsen Burner to Specimen)	0.75" 19mm	0.375" 10mm
Flame Exposure	15 seconds	10 seconds (Blue High flame)
Specification	Burn rate ≤ 4 inch/min (100 mm/min)	Individual Flame Time ≤ 10 secs Total Flame Time ≤ 50 secs Glowing Time ≤ 30 secs Drip Particles that ignite - NO


**Notes:**

1. UL94 – Tests for flammability of plastic materials for parts in devices and appliances testing.
2. FMVSS 302 (49 CFR Part 571) – Federal Motor Vehicle Safety Standard No. 302, Flammability of interior materials.

This information is provided "as is". It is not intended to amount to advice. Use of the product is at the customer's/user's risk. It is the customer's/user's responsibility to thoroughly test the product in each specific application to determine its performance, efficacy and safety for each end-use product, device or other application and compliance with applicable laws, regulations and standards. Mention of a product is no guarantee of availability. Victrex reserves the right to modify products, data sheets, specifications and packaging. **Victrex makes no warranties, express or implied (including, without limitation, any warranty of fitness for a particular purpose or of intellectual property non-infringement) and will not be liable for any loss or damage of any nature (however arising) in connection with customer's/user's use or reliance on this information, except for any liability which cannot be excluded or limited by law.** This document may be modified or retracted at any time without notice to the customer/user.



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Signed:  .....

Caroline Prisk  
Head of Regulatory Affairs and Product Stewardship

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