

## Test Certificate 126128-1

Report Details			
<b>Date Received:</b>	23/04/2025	<b>Date Tested:</b>	29/04/2025
		<b>Date Issued:</b>	29/04/2025
<b>Service Requested:</b>	FMVSS 302: 1991 (49 CFR 571 302: 2012)		
Customer Details			
<b>Company Name:</b>	KBT LTD		
<b>Company Address:</b>	132 SALTLEY ROAD, SALTLEY, BIRMINGHAM B7 4TH		
<b>Customer Contact:</b>	SAJID MAHMOOD		
<b>Customer PO:</b>	NOT STATED		
Sample Details – As Supplied by the Customer			
<b>Sample Description:</b>	SEAT BELT		
<b>Fabric Composition:</b>	POLYESTER / WEFT POLYESTER		
<b>Quality/Batch Ref:</b>	NOT STATED	<b>Sample End Use:</b>	VEHICLE SEAT BELT
<b>Model Ref:</b>	NOT STATED	<b>Manufacturer:</b>	NOT STATED
<b>Sample Colour:</b>	NOT STATED	<b>Supplier / Buyer:</b>	NOT STATED
Test Details			
<b>Specification:</b>	49 CFR 571 302: 2012 – Flammability of Interior Materials		
<b>Test Method:</b>	FMVSS 302: 1991 – Laboratory Test procedure: Flammability of Interior Materials		
<b>Conditioning:</b>	The specimens under test had been conditioned in a specified atmosphere at $21 \pm 2^{\circ}\text{C}$ and $50 \pm 5\%$ rh for a minimum of 24 hours. The temperature of the chamber did not exceed $30^{\circ}\text{C}$ at any time during testing.		
<b>Deviations:</b>	No deviation had been carried out on this test.		
<b>Overall Result:</b>	PASS		

**Authorised by:**



**Mark Jones**  
General Manager

Please note: The uncertainty of measurement is taken into account when stating conformance to the specification. The measured value(s) marked\* are compared with the 'acceptance interval' which is determined by reducing the specification limits by the expanded test uncertainty  $U_{k=2}$  (approximately 95% confidence interval). And providing all measured values are within the tolerance limits then such results are declared as "Pass". The Uncertainty budgets are stated for each test method and should be considered when results are on or close to the acceptance limits, and in such cases it should be noted that the risk of false acceptance or false rejection is  $\leq 2.5\%$ . Results outside these limits are declared as 'fail'. All test results issued on this report refer only to the item under test as supplied by the customer. This certificate shall not be reproduced, unless in its entirety, without written approval from IFS Laboratories Ltd. Textile Innovation House, 1 Lyons Road, Trafford Park, Manchester, M17 1RN T: 0161 50 50 650 E: [technical@ifs-labs.com](mailto:technical@ifs-labs.com)



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Test Data – Longitudinal Direction	Unit	Specimen Number				
		L-1	L-2	L-3	L-4	L-5
*Time flaming reached 1st Marker (38mm)	Sec	28.4	23.6	26.4	25.8	27.3
*Time flaming self-extinguished after 1st Marker	Sec	59.4	176.3	138.2	154.6	86.4
*Burn distance	mm	32.0	84.0	76.0	68.0	41.0
*Burn rate = (D/T) X 60	mm/min	32.3	28.6	33.0	26.4	28.5

SE = Self-extinguished before reaching 1<sup>st</sup> Marker

### PASS/FAIL CRITERIA

Material shall not burn, nor transmit a flame front across its surface, at a rate of more than 4 inches per minute (102mm/min). However, the requirement concerning transmission of a flame front shall not apply to a surface created by the cutting of a test specimen for purpose of testing. If a material stops burning before it has burned for 1 minute from the start of timing, and has not burned more than 2 inches from the point where timing was started, it shall be considered to meet the burn rate requirement of the standard.

### Conclusion:

The sample supplied **meets** the performance requirements of FMVSS 302: 1991 (49 CFR 571 302: 2012)

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