



AF01010010 Aerofoam's Graphite Comfort Series - Memory

AF01010010 is our softest and most luxurious graphite filled memory foam. As a graphite comfort memory foam, AF01010010 was specifically developed to provide unrivaled passenger comfort without increasing cushion weight. AF01010010 is frequently used in seat-back cushions and headrests as a topping foam.

TYPICAL USES:

- Back Cushion Comfort Layer
- Headrest Cushion Comfort Layer
- Crew, Business & First Class Mattress Comfort Layer
- Wherever Luxurious Passenger Comfort Is Needed

PROPERTIES	ISO Standard	ASTM Standard	Imperial	Metric
Density	ISO 845	ASTM D3574	2.7 - 3.1 lbs/ft ³	43 - 49 kg/m ³
Hardness (IFD/ILD) @ 40%	ISO 2439:2008	ASTM D3574	9 lbs - 17 lbs	44 - 76 N
Tear Strength	ISO 8067:1995	ASTM D3574	1.1 lbs/in	200 N/m
Tensile Strength	ISO 7214:1998	ASTM D3574	11 PSI (min)	75 kPa (min)
Elongation	ISO 7214:1998	ASTM D3574	110% (min)	
Resilience		ASTM D3574	10%	

FLAMMABILITY	Standard	Results
12 Second Vertical Burn	CFR/CS 25.853 app F, part I (a) (1) (ii)	Pass
Seat Oil Burn	CFR/CS 25.853 app F, part II	Pass(*)
Smoke	14 CFR/JAR/CS Part 25 app F & ABD 0031	Pass
Toxicity	ABD 0031 (Issue G) & AITM 3-0005 (Issue 2)	Pass

COLOR

Light Grey

(*) When used in combination with specific textile covers and/or fire blocking textiles