AEROFOAM INDUSTRIES

"Redefining comfort one seat at a time"

AF60-350

AF60-350 is a high density polyurethane based, graphite impregnated, flame retardant foam, suitable for use without fireblocker in commercial aerospace interiors.

The high resilient nature of this foam ensures a prolonged life in service and is significantly less prone to shearing or dusting than conventional foams. AF42-95 meets the requirements of CFR 25.853 part 1, the 12 second vertical burn and CFR 25.853 part 2, the seat oil burn or Kerosene burn test as standard without needing a fireblocking layer.

All of our AF range of firehard foams are treated with UltraFresh™, for antimicrobial protection throughout its lifespan.

AF60-350 has excellent shape definition properties and has very little compression. AF60-350 provides outstanding support characterisitcs for the seat or cover and is especially used in horsecollar applications where shape, vibration dampening and cushioning are desired attributes.

PROPERTIES	ISO Standard	ASTM Standard	Imperial	Metric
Density	ISO 845	ASTM D3574	3.60 - 3.9 lbs/ft^2	57.67 - (51) - 62.47 kg/m^3
Hardness (IFD)	ISO 2439:2008	ASTM D3574	82 lbs - 96 lbs	364.90 - (350) - 427.20 N
Sag Factor		ASTM D3574	2.8 min	2.8 min
Tear Strength	ISO 8067:1995	ASTM D3574	2.9 lbs/in	0.33 n/m
Tensile strength	ISO 7214:1998	ASTM D3574	29 PSI	199.95 (kpa)
Elongation	ISO 7214:1998	ASTM D3574	125 (% min)	125 (% min)
Resilience		ASTM D3574	30 (% min)	30 (% min)
Typical mass per seat cushion		16" x 16" x 4"	2 lbs 3.5 oz	1 kg

FLAMMABILITY	Standard	Result
12 Second Vertical Burn	CFR/CS 25.853 app F, part1a(1)(ii)	Pass
Seat Oil Burner	CFR/CS 25.853 app F part 2	Pass

COLOR
Charcoal

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