

FLAME RETARDANT FOAM

These foams are made with additives that not only slow down the fire but also self-extinguish. These foams are available in polyether as well as polyester. They are designed to meet specific applications where the fire retardant property of the foam is of utmost importance.

Grades & Specifications POLYETHER BASED FOAM:

Grade	Nominal Density (kg/m ³)	Hardness 'N' (at 50% compression)	Resilience	Applicable Standards	Typical Uses
523FR	23 ₊₁	180 - 220	28% min	Meets flammability requirement of IS-7888, MVSS-302	Automobile Seat Covers, Mattresses
528FR	28 ₊₁	162 - 200	40% min	Meets flammability requirement of IS-7888, MVSS-302	Furniture Cushioning, Transport Seating
532FR UL	32 ₊₂	260 - 300	42% min	Meets flammability requirement of IS-7888, BS-5852 (Crib-5), California Test Bulletin 117, UL-94, MVSS-302	Automotive Applications, Transport Seating, Acoustic Application, Mattresses, Thermal Insulation of Wires Harness In Automobiles
535FR	35 ₊₂	110 - 150	50% min	Meets flammability requirement of IS-7888, MVSS-302	Heavy Duty Seating Mattresses
550FR	50 _{±2}	340 - 400	44% min	Meets flammability requirement of IS-7888, MVSS-302, NES-713, CA-117, NCD-1407	Specific Upholstery Seat for Naval Ships, Heavy Duty Seating Mattresses

POLYESTER BASED FOAM:

Grade	Nominal Density (kg/m ³)	Hardness N (at 40% compression)	PPI (pores/inch)	Applicable Standards	Typical Uses
PY528 FR	28 ₊₂	140 min	70 ₊₁₀	Meets flammability requirement of IS-7888, MVSS-302	Acoustic Applications, Flame Lamination
PY532 FR	32 ₊₂	140 min	70 ₊₁₀		

Major Applications

- Furniture cushioning • Mattress • Lamination for automobile, transport industry etc.



Furniture Cushioning