

STANDARD FOAM

Grades & Specifications

LOW DENSITY RANGE

Grade	Nominal Density (kg/m ³)	Hardness 'N' (at 50% compression)	Resilience	Applicable Standards	Typical Uses
510	10 ₊₁	175 - 215	30% min.	IS-7888 ASTMD: 3574	General Purpose, Packaging
515	15 ₊₁	215 - 235	30% min.	IS-7888 ASTMD: 3574	Quilting and General Purpose Uses

MEDIUM DENSITY RANGE

Grade	Nominal Density (kg/m ³)	Hardness 'N' (at 50% compression)	Resilience	Applicable Standards	Typical Uses
523	23 ₊₁	275 - 315	35% min.	IS-7888 IS-7933 ASTMD:3574	Upholstery, Garments, Mattress Overlays
528	28 ₊₁	314 - 334	35% min.	IS-7888 IS-7933 ASTMD:3574	Cushioning and Mattress Application
532	32 ₊₂	295 - 335	35% min.	IS-7888 IS-7933 ASTMD:3574	Cushioning, Mattress Application, Helmets, Auto and Air Conditioners

HIGH DENSITY RANGE

Grade	Nominal Density (kg/m ³)	Hardness 'N' (at 50% compression)	Resilience	Applicable Standards	Typical Uses
540	40 ₊₂	350 - 390	40% min.	IS-7888 IS-7933 ASTMD:3574	Cushioning and Mattress Application
550	50 ₊₂	370 - 415	45% min.	IS-7888 IS-7933 ASTMD:3574	Cushioning and Mattress Application

Major Applications

- Cushioning • Household articles • Toys etc.



P.U. Foam