
NBR FOAM TECHNICAL PERFORMANCE

Item	Inspection method	Specification
Temperature		
Average temperature		-20.0 +37 °C
Conductivity factor	GB/T 10294-88	0.032 0.034 0.040 W/mK
Factor	BS EN ISO9346:1996	$\mu \geq 4500$
coefficient	BS 4370 Part2 1973	$4.0 \times 10^{-14} \text{kg}/(\text{m} \cdot \text{S} \cdot \text{Pa})$
	DIN 52615	0.14 $\mu\text{g}/\text{m}^2 \cdot \text{h}$
Water absorption ratio in vacuum	GB/T 17794-1999	≤ 10
Flammability	GB8624-1997	Flame retardant Class B1
Oxygen index	GB/T 2406	≥ 32
Vertically burning	GB/T 8333	$\leq 30\text{s}$ $\leq 250\text{mm}$
SDR	GB/T 8627	≤ 75
Density	GB/T 6343-95	40~80 kg/m^3
Crack resistance	GB/T 10808-89	$\geq 2.5\text{N}/\text{cm}$
Compression resilience ratio	GB/T 6669-86	$\geq 70\%$
Dimension stability	GB 8811-88	$\leq 10.0\%$
Aging resistance	GB/T 56259-1996	Slightly crumpling, no cracks, no pin holes, not deforming.