



Add: No2-907# Dianya Plaza, Xinbei District, Changzhou, Jiangsu ,China
213022
Tel: 0086-519-86920807 Fax: 0086-519-86921807
www.topsunfoam.com Email: july@topsunfoam.com

EVA Foam Technical Specification (100kgs/m3)

Properit	Test standard	Unit	Nominal Value
Density	IOS 845	kg/m3	100±10
Tensile Strength	IOS 1798	kPa	>450
Tensile Elongation	IOS 1798	%	>120
Compressive Strength deflection 10% deflection 20% deflection 50%	ISO 3386/1	kPa	>89 >120 >210
Compression Set 22h charge, 23℃ deflection25% 0.5 h after discharge 24 h after discharge	DIN 1856	% %	≤ 8 ≤ 3
Thermal Conductivity at 10 ℃ at 40 ℃	DIN 52612	W/mK	0,047 0,050
Working Temperature Range	ISO 2796	℃	- 80/ +90
Dimensional Stability	ISO 2796	%	<5%
Water Absorption (28 days)	DIN 53428	vol.%	≤1
Specific Volume Resistance	DIN 60093	Ωcm	≥10E15
Shore Hardness 00	internal	—	» 46
Horizontal Burn Rate	FMVSS-302	mm/min	<100