

OHANA GREY EPS TECHNICAL DATA SHEET

OHANA Grey EPS (GRAYFOAM) is a high-performance insulation material infused with graphite particles, which reflect and absorb radiant heat.



GRAYFOAM provides a cost-effective balance of lightweight handling, mechanical strength, and enhanced thermal insulation, making it ideal for modern construction systems where slim design and high performance are critical.



STANDARDS	ASTM C 578: 2023	TYPE I	TYPE VIII
	DENSITY RANGE	OG-FOAM 18	OG-FOAM 22
		15-18kg/m ³	18-22kg/m ³
PHYSICAL PROPERTIES	Compressive Resistance (@ yield or 10 % deformation, which occurs first, min kPa)	69	90
	Thermal Conductivity K-Value (Max, W/m.K)	0.0295	0.0295
	Flexural Strength (Min, kPa)	173	208
	Water Vapor Permeance (Max, perm)	5.0	3.5
	Water Absorption (Total immersion, max, Volume %)	4.0	2.0
	Dimensional Stability (Change in dimensions, max)	2.0	2.0
	Oxygen Index (Min, volume %)	24	24

FEATURES & BENEFITS



Excellent thermal insulation



Lightweight and easy to install



Moisture and mold resistant



Dimensionally stable



Eco-friendly & recyclable



High compressive strength

**Engineered for Efficiency,
Designed by OHANA
— Where Grey EPS
Meets a Greener Tomorrow.**

Disclaimer:

All technical data stated in this TDS are based on laboratory tests and real-life applications to the best of our knowledge. It is the responsibility of the user to determine the suitability of this product for a specific application. However, our experts will support you in choosing the best material for your specific application. OHANA Industries LLC also reserves the right to make changes without prior notice.

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