

SHANDONG TAIRAN IMPORT AND EXPORT CO.,LTD

Address:NO. 3, Yanhe Road, Boshan, Zibo, Shandong, China
Email:wp@cnjingganrefractory.com/sdwenping@163.com
Contact:Rose Tel/Wechat:+86-13275332819
Tel:86-533-4188518 Fax:86-533-4188518

Graphite Polystyrene Foam Board



The graphite polystyrene board is mixed with infrared absorber and reflector to avoid the heat flow caused by radiation. The thermal insulation performance of graphite polystyrene board is improved by 20% compared with ordinary EPS material. It is the preferred thermal insulation material.

1,product description: the main raw materials for graphite polystyrene board are high purity graphite and polystyrene beads. Polystyrene particles form small black beads with foaming agents, which make them expand after foaming. Graphite polystyrene board is a new generation of thermal insulation material, which does not contain chlorine monomer and is made by more advanced processing technology, which greatly improves the thermal insulation performance of the material.

2,Charactreistic of product

- 1) Micro closed cell structure, low thermal conductivity and excellent thermal insulation effect
- 2) The molecular structure of polystyrene does not absorb water. Therefore, the product has excellent water resistance, moisture resistance and impermeability. The volumetric water absorption of the board is less than 1%, which is much smaller than that of polyurethane board and general EPS board
- 3) Good impact resistance. When the density is less than 40kg / m³, the compressive strength can reach 350Kpa
- 4) Excellent compressive performance, even if immersed in water, does not change, which is not available in other thermal insulation materials
- 5) Anti corrosion and easy construction

3, Application: building wall, cold storage, ship, thermal insulation vehicle

4, Product performance parameters

Item	Unit	Value
Density	Kg/m ³	26-35

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Flame resistance		B1
Compressive strength	Kpa	150-350
Thermal conductivity	W/m.k	≤ 0.030
Water absorption	%	≤ 1.5
Dimensional stability	%	≤ 2.0
Color		Gray black white

5, Good feedback of product use effect, the products have been exported to South Korea, Japan, Pakistan

6, We are a professional supplier, who can provide customers with free product technology, use and other issues

Do you want to find a professional supplier of Graphite Polystyrene Foam Board?

Do you want to find a stable and credible supplier?

Then please contact with us

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Email: wp@cnjingganrefractory.com/sdwenping@163.com

TEL: 86-0533-4188518 / **FAX:** 86-0533-4188518

Rose: +86-13275332819 (wechat/whatsapp number)