

Rigid Polyurethane Foam PUR

1. Product Introduction

Rigid PUR is a new thermal insulation material, with a high percentage of close area and low water absorption. The main raw materials are polyether/polyester and isocyanate, the additives contain flame retardants, stability and foaming agents. The gas in the closed cells come from the reaction of foaming agent, which makes PUR self-extinguishing. It's often used as insulation in low temperature.



2. Properties

Physical Property	Unit	Technical Data	Testing Method
Core Density	kg/m ³	50±5	GB/T 6343
Thermal Conductivity at Ambient Temperature	W/(m·K)	≤ 0.023	GB/T 10294
Compressive Strength	kPa	≥200	GB/T 8813
Tensile Strength	kPa	≥200	GB/T 9641
Water Absorption by Vol	%	≤ 5	GB/T 8810
Oxygen Index	%	≥ 26	GB/T 2406.2
		≥ 30	
Service Tem	°C	-80~+100	

3. Product Application

It is a low thermal conductivity, high strength, light weight, soundproofing, anti-vibration, isolating, floating, stable product, and easy to install. It's wildly used in petroleum, chemical, ethylene industries, as well as in cold storage, refrigerators and buildings. PUR can be produced into different shape segments in workshop and it also can be foamed on site.

4. Packing and Storage

(1) Strapping Packing, special packing is available on request.

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(2) Store in dry, ventilated place, keep away from light.

5. Application and Cautions

- (1) Rigid PUR Foam shall be handled gently, and avoid rolling, collision and heavy pressure during moving.
- (2) When applied to pipe and equipment insulation, fasten with steel bands.
- (3) Cut it with saw during application