

PERLITE



It is the waterproof heat insulation material that is asbestos-free and of high intensity with high quality perlite particles as the main material made by cohering inorganic bond and reinforced fiber (it is a non-asbestos, high performance and water repellent Insulating material that is composed of high-quality expanded perlite particles, bonded with inorganic binder and reinforcing fiber); its highest use temperature is 650°C, with super-low heat conductivity coefficient and super-low chloride ion content, it has very good protection on peripheral steel pipes; being prefabricated to shape up and resistance to deform. It has the same service life of buildings.

Performance:

High Efficiency	This material has the lowest coefficient of thermal conductivity among the inorganic rigid insulation materials and has super strong insulation effect so far.
High insulating Effect	When The density is similarhis material has the lowest coefficient of thermal conductivity among the inorganic rigid insulation materials and has super strong insulation effect so far.
Superior Strength	When The density is similarhis material has the lowest coefficient of thermal conductivity among the inorganic rigid insulation materials and has super strong insulation effect so far.
High Insulating Effect	This material has the lowest coefficient of thermal conductivity among the inorganic rigid insulation materials and has super strong insulation materials and has super strong insulation effect so far.
Superior Strength	When the density is similar, the strength of this material is the highest, the compressive performance is better and not easy to bend among the inorganic rigid insulation materials.
Applicable Scope	It can be widely used in the pipeline system equipment for power generation factory and petrochemical works, as well as in Heat Supply pipeline network system.



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Product Property:

Properties	Unit	Value
Nominal Density	Kg/m ³	≤ 220
Max Service Temperature	°C	650
Linear Shrinkage	%	S length ≤ 1.7 S width ≤ 1.6 S thickness ≤ 5.7
Compressive Strength	MPa	≥ 0.55
Surface Burning Characteristic		Flame Spread Index: ≤0 Smoke Developed Index: ≤0
Chloride Content		ASTM C795

Packaging and Storage:

Packing in standard export canton with plastic bag inside

