



Product manual

Lianyungang Rolebor Chemicals Co., Ltd

连云港如鹏化工商品名录

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(I) INSULATION CONSTRUCTION PRODUCTS 保温建材

1.1 NEEDLE-PUNCHED INSULATION CANVAS 玻璃纤维隔音被

Specification规格:

Thickness厚度: 12m

Length and width长宽: 5m*1.4m

Heat conduct coefficient热导率 :0.035

Non-combustible不燃等级: A-grade

Noise reduction index降噪系数: dB47

Noise reduction (NRC)降噪: 0.85

Sound absorption, α_w ,MN (A grade)吸音: 0.45

Usage用途: Easy to install on inner wall and ceiling, floor, fireproof, keep quiet, cool, warm, dry and save space, mildew resistance, without formaldehyde and glue, no chemical

内墙、天花板及地板都可简易安装，防火，隔音，保温，隔热，厚度只有1厘米左右节省空间，不含甲醛及胶体，不含化学成分。



Package包装: 740 rolls (5180 m²) per 40hq, 7m² per roll.

一个40尺高箱装5180平米，740卷，每卷7平米。

1.2 GLASS WOOL BLANKET玻璃棉毡

Specification规格:

ITEM	UNIT	PRODUCTS	STANDARDS
DENSITY	kg/m ³	12 - 48	
THICKNESS	mm	50 - 200	
LENGTH	m	10 - 20	
WIDTH	m	1.2	
FIBER AVERAGE DIAMETER	μm	6	GB/T5480.4
FORMALDEHYDE EMISSION	Mg/L	0	GB/T11350-2008
MOISTURE CONTENT	%	≤1	GB/T16400-2003
NON-COMBUSTIBLE		GRADE A	GB/T8624
RESHRINKING TEMP	℃	250-400	GB/T11835-2007
CONDUCTIVITY	W/m·K	0.034-0.048	GB/T10294
MOISTURE RATE	%	≤5	GB/T5480.7
SLAG INCLUSION	%	≤0.3	GB/T5480.5
RANGE OF SAFE USE TEMP	℃	-120 - 400	

Usage用途: Glass wool felt is light, highly elastic, easy to construct, low-cost, and has the characteristics of thermal insulation, sound absorption and noise reduction, condensation control, and fire prevention. Can be used for building exterior walls, roofs, floors, industrial plants, cold storages, pipes, boilers, fans, carriages, central air conditioning, recording studios, concert halls, light walls, steel structures, air duct insulation, heat insulation, refrigeration, and sound absorption. Formaldehyde-free customization on request.

玻璃棉毡质轻、高弹、易施工，低成本，具有保温隔热、吸音降噪、控制冷凝、防火等特性。可用于建筑外墙、屋顶、地面，工业厂房、冷库、管道、锅炉、风机、车厢、中央空调、录音室、音乐厅、轻型墙体、钢结构、风管保温、隔热、制冷、吸声。支持定制无甲醛玻璃棉。



Package包装: 12K, W*L*Thickness, 1.2*15*0.05m, 600 rolls per 40hq

32K, W*L*Thickness, 1.2*11*0.05m, 340 rolls per 40hq

1.2.1. GLASS WOOL BOARD 玻璃棉板

Specification规格:

Thickness厚度: 25 - 100 mm

Length and width长宽: 600mm, 1200mm*400mm, 600mm

Density 密度: 24kg/m³、32kg/m³、48kg/m³、64kg/m³、80kg/m³

Heat conduct coefficient热导率 :0.035

Non-combustible不燃等级: A-grade

Other on request 接受定制

Usage用途: Glass wool felt is light, highly elastic, easy to construct, low-cost, and has the characteristics of thermal insulation, sound absorption and noise reduction, condensation control, and fire prevention. Can be used for building exterior walls, roofs, floors, industrial plants, cold storages, pipes, boilers, fans, carriages, central air conditioning, recording studios, concert halls, light walls, steel structures, air duct insulation, heat insulation, refrigeration, and sound absorption. Formaldehyde-free customization on request.

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Package包装:

1.2.2.GLASS WOOL TUBE/SHELL 玻璃棉管/壳

Specification规格:

Thermal conductivity	导热系数	0.034W/(m·K)
Low temperature bending	低温弯折	0.12
Elongation at break	断裂伸长率	6%
Bending strength	抗弯强度	90MPa
Compressive strength	抗压强度	12MPa
Operating temperature	使用温度	360℃
The inside diameter of	内径	15mm-50mm
Outer diameter	外径	22mm-219mm
Wall thickness	壁厚	20mm-100mm

Usage用途: Industrial pipes and equipment are thermally, soundproofed and thermally insulated. In petroleum, natural gas, chemical industry, metallurgy, textile, heating and other industries, it prevents heat loss and energy waste and maintains pipeline safety.

工业管道和设备绝热、隔音、保温。在石油、天然气、化工、冶金、纺织、供暖等行业中，防止热量损失和能源浪费，维护管道安全。



Package包装: D ia 219mm, Length1200mm, 900 rolls per 40hq

1.3 BALSALT WOOL ROCK WOOL INSULATION玄武岩棉毡、板

Specification规格:

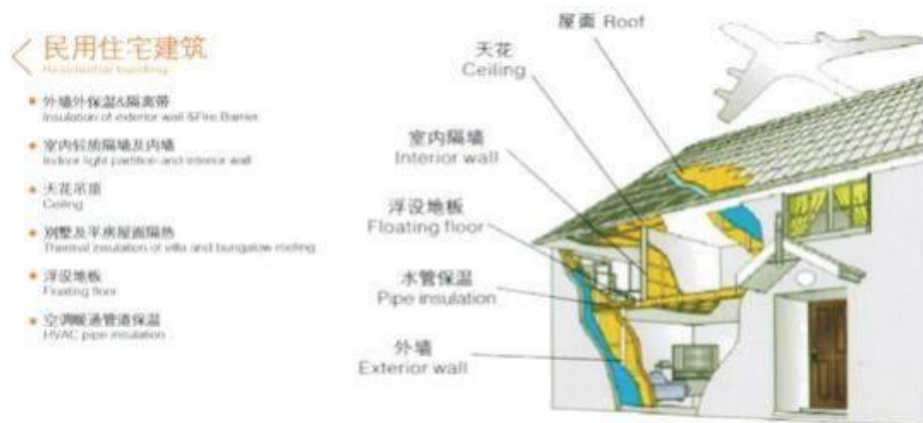
1, Building rock wool board and felt

Density密度 :30-200 kg/m3	Thermal Conductivity 导热系数 (20℃): 0.036-0.039 W/mK
Length and width 长宽: 1200mm*600mm as request	Melting Point熔点: >1000℃
Thickness厚度: 30-150mm as request	Water Absorption吸水率: ≤0.5%
Fiber average dia纤维直径: 5um	A1 grade: Non-combustible

2, Sandwich panel

Density密度:105- 150 kg/m3	Thermal Conductivity (20℃): 0.036-0.043 W/mK
Length and width长宽: 1200mm*600mm as request	Melting Point: >1000℃
Thickness厚度: 30-200 mm as request	Water Absorption吸水率: ≤1%
Fiber dia纤维直径: 5um	A1 grade: Non-combustible

Usage用途:



Package包装: 60M3 per 40hq

1.4 ALLUMINUM SILICATE FIBER (CERAMIC FIBER)硅酸铝纤维毡、板

Aluminum Silicate Wool	Felt / Board			
	Standard	High Purity	High Aluminum	Zirconium
Apply Temperature 使用温度(°C)	1000	1100	1200	1350
Color 颜色	Pure White	Pure White	Pure White	Pure White
Density密度(kg/m3)	96-128	96-128	96-128	96-128
Linear shrinkage rate % (Constant temperature for 24 hours, density 128kg/m3) 线性收缩率	-3 1000°C	-3 1100°C	-3 1200°C	-3 1350°C
Thermal Conductivity (W/m*k) 热导率 Bulk density(128kg/m3)	0.09-400°C 0.16-800°C 0.20-1000°C	0.09-400°C 0.16-800°C 0.20-1000°C	0.12-600°C 0.20-1000°C	0.12-600°C 0.20-1000°C
Fiber Length 纤维长度	100--150mm	100--150mm	100--150mm	100--150mm

Usage用途: Insulation on thermal energy equipment in metallurgy, electric power, machinery and chemical industry

冶金、电力、机械、化工等行业热能设备的保温



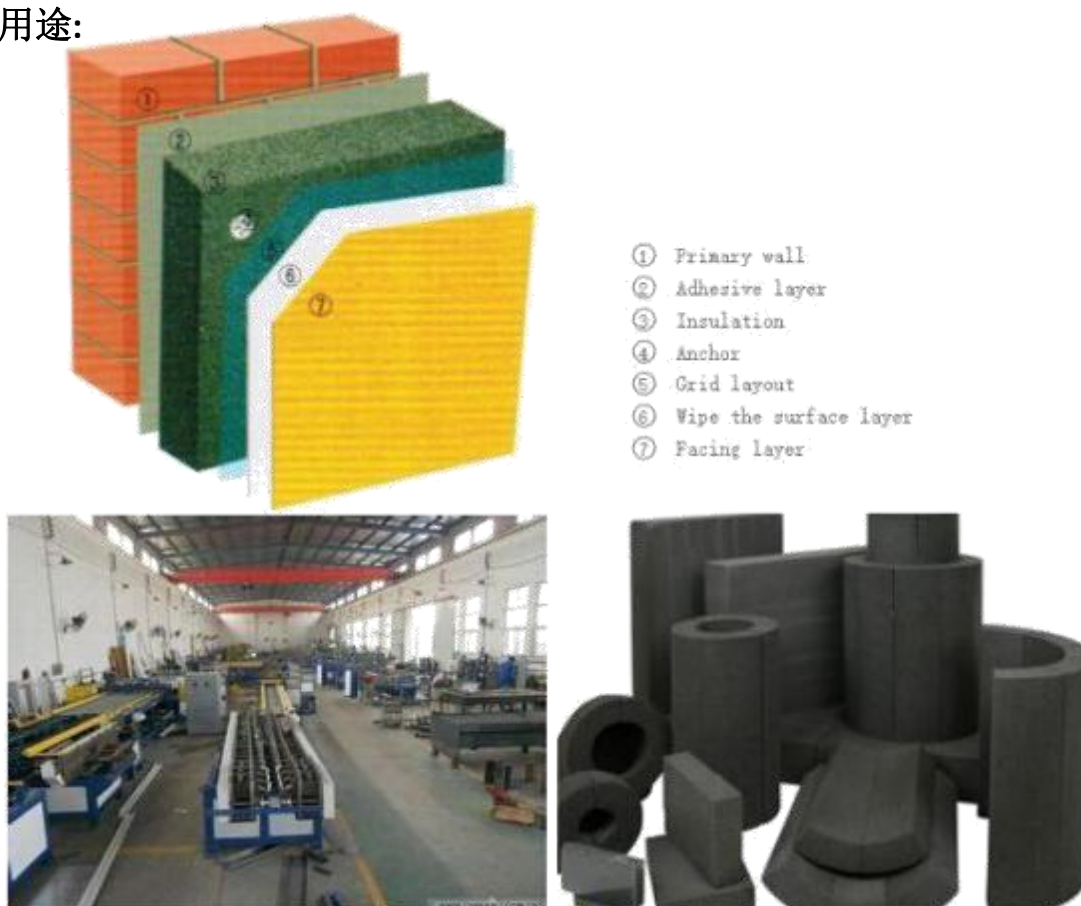
Package包装: 60M3 per 40hq

1.5 FOAM GLASS / CELLULAR GLASS 泡沫玻璃

Specification规格:

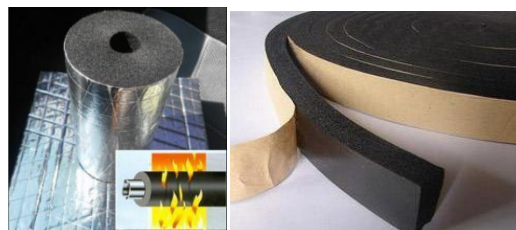
Density (密度)	140-200	kg/m ³
Thickness (厚度)	30-160	mm
Length and width (长宽)	X *X	m
Compressive strength (压缩强度)	0.6	Mpa
Heat conduct coefficient (热导率)	0.037-0.066	W/m·K
Permeability coefficient (渗透系数)	0.007	Ng/pa*s*m
Safe Temperatures (使用温度)	-260 -- +500	°C
Non-combustible (不燃等级)	A-grade	

Usage用途:



Package包装: 60M3 per 40hq

1.6 RUBBER AND PLASTIC 橡塑



Usage 用途: Rubber and plastic are soft heat insulation, heat preservation and energy-saving materials made of nitrile rubber NBR and polyvinyl chloride PVC as the main raw materials, using advanced technology and fully automatic continuous production lines through foaming and special processes. Usage: Central air conditioning system refrigeration units and equipment, chilled water pipes, condensate water pipes, pipes and hot water pipes.

橡塑是以丁腈橡胶NBR和聚氯乙烯PVC为主要原料，通过发泡和特殊工艺采用先进的技术和全自动连续生产线，制成的软隔热、保温、节能材料。用途: 中央空气调节系统制冷机组及设备、冷冻水管、冷凝水管、管道及热水管。

Specification:		规格			0 Grade		I Grade		II Grade	
					Board	Tube	Board	Tube	Board	Tube
Density		密度		Kg/m3	65-70		60-65		60-65	
Oxygen index		氧指数		≥	40		32		28	
Smoke density / SDR		烟密度		≤	70		75		75	
Thermal Conductivity		热导率		W/m.k	≤0.034					
(20℃)		(20℃)								
Water vapor	coefficient	水汽	系数	G/(m.s.p a)	≤10×10-10 ≤7×10-10 ≤4.5×10-10					
	factor		参数	-						
Water absorption (in vacuum)		吸水率 (真空)		%	≤10					
Stability		稳定性		%	≤10					
(105+-3, 7d)		(105 +-3 , 7 d)								
Crack resistance		抗拉 指数		N/cm	≥3.0					
Compression Rebound		抗压指数		%	≤70					
(50% 72h)		(50% 72 h)								
Anti-ozone		防臭氧指数		-						
(202Pa 200h)		(202Pa 200h)								
Ageing resistance (150h)		抗老化 (150 h)		-	Slight wrinkle, no crack, no pinhole 轻微皱纹、无裂纹、无针孔					

Package包装: 60M3 per 40hq

1.7 SUPER THIN PANEL (STP) 超薄真空绝热板

Specification规格:

Thickness厚度: 25mm

Length and width长宽: 67cm*58cm (other size on request)

Heat conduct coefficient 热导率: 0.008w/k

Density密度: 300kg/m³

Non-combustible 燃烧等级: A-grade A级不燃

Temperature使用温度: 500℃

Face表面: Alu foil 铝箔

成分: Ultra-thin fiber glass 超细玻璃纤维, SiO₂二氧化硅

Puncture strength穿刺强度: 25Kpa

Tensile strength拉伸强度: 80Kpa

Bending strength弯曲强度: 0.3

Compressive strength抗压强度: 100MPa



Usage 用途: Construction Heat insulation sunscreen, fire retardant, waterproof, moistureproof, durable anticorrosion

建筑隔热防晒、阻燃、防水、防潮、耐久防腐

Package包装: 60M³ per 40hq

1.8 VACUUM INSULATION PANEL (VIP) VIP板, 真空隔热板

Specification规格:

Thickness厚度: 25mm

Length and width 长宽: 67cm*58cm (other size on request)

Heat conduct coefficient 热导率 :0.0025w/k

Density密度: 170kg/m³

Non-combustible燃烧级别: A-grade A级不燃

Temperature使用温度: -200℃-100℃

Vacuum:1 mbr

成分: Fumed Silica 气相二氧化硅

Usage 用途: Cryogenic freezers, electric water heaters, vending machines, freezers, refrigerated containers

低温冰柜、电热水器、自动售货机、冰柜、冷藏集装箱



Package包装: 60M³ per 40hq

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Looking forward to cooperating with you!

期待与您的合作！