

## 双组份保温棉

### High Performance Thermal Insulation

#### 保暖原理

高效工业保温棉采用微米级微纤维经特种工艺复合而成，且具有立体网状结构。是一种质地轻、保温性能优异的填充材料。

How Come SENSA®

High Performance Thermal Insulation Performs Better

SENSA® High Performance Thermal Insulation is made from microfibers, to form three-dimensional network structure. It can be called one of the most warm-keeping materials.



高效工业保温棉所使用的独特的微纤维与其它多数合成保温材料所使用的纤维相比较，其直径仅为数十分之一，使得它能隔绝更多的空气，从而能达到更有效的保温效果；对于相同体积的保温材料，高效工业保温棉中含有更多的纤维数量，起到加倍保温的效果。

The unique microfibers or fine fibers that make up insulation work by trapping air. The more air a material traps in a given space the better it insulates from the cold atmosphere. Because the fibers in insulation are finer than the fibers used in most other synthetic or natural insulation, they trap more air in less space, which naturally makes insulation a better insulator.

#### IMC产品技术参数表

IMC Product Technical Data Sheet

规格型号 Type	克重 Basic Weight(g/m <sup>2</sup> )	厚度 Thickness(mm)	保温率 Thermal Insulation Efficiency (%)	传热系数 Heat Transfer Coefficient (W/m <sup>2</sup> ·°C)	克罗值 GLO Value (m <sup>2</sup> ·°C/W)
IM-C40	40	3	53	9.5	0.7
IM-C80	80	6	63	5.4	1.2
IM-C100	100	6	72	4.2	1.5
IM-C150	150	9	79	2.8	2.3
IM-C200	200	12	82	2.4	2.7

双组份保温棉具有轻、薄、柔、暖、耐洗涤、不霉变、透气性好（芯吸效应）等特点。吸水量小于其本身重量的1%，因此即使在潮湿环境下依然能够保持较好的隔热能力。

高效工业保温棉采用食品包装级别原材料；而且在生产的过程中，不添加其它化学物质，产品可以达到欧洲生态纺织品（Oeko-Tex Standard 100）的要求。

高效工业保温棉从技术上已经可以实现100%回收再利用。通过调整在产品配方上的调整，圣纱®高效工业保温棉可实现不同等级的耐温、耐光、阻燃等要求。

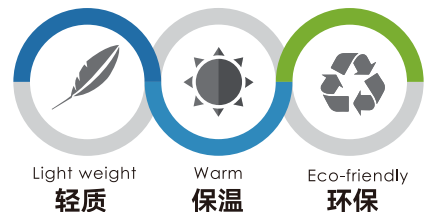
高效工业保温棉，产品规格广（不同厚度、克重、外形），除应用于服装服饰外，正被大量应用于农业大棚保温、工业管道和风管的风寒隔热等。

Product is weight light, warm, soft, moisture-resistant (hydro-phobic) and breathable. It is still effective in damp conditions. Fibers absorb less than 1% by weight of water.

Raw materials for are somehow of food-packaging grade, exclusive of any chemical additives, thus Thermal Insulation is also in line with Oeko-Tex Standard 100. Thermal Insulation is Eco-friendly, can be 100% recyclable.

By adjusting the formula of the material, Thermal Insulation can be heat durable, anti-light/anti-UV and flame retardant.

Thermal Insulation family of products includes a wide selection of insulation weights, thicknesses and appearances. Besides the use on different clothes, they can be widely used as the insulators in agricultural greenhouses, industrial pipes and air ducts.



#### 备注/Note:

- 1.可以应客户要求设计定制其它规格。  
1.Can be tailor made for special requirement.