

HG

**CHEMICAL INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

HG/T 6135-2022

**Non-metallic chemical equipment - Basalt fiber reinforced
plastic pipes and fittings**

非金属化工设备 玄武岩纤维增强塑料管道及管件

(English Translation)

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This standard specifies the materials, design, manufacture, requirements, test methods, inspection rules, marking, delivery documents, packaging, transportation and storage of basalt fiber reinforced plastic pipes and fittings. This standard applies to buried or surface projects with basalt fiber and its products as the main reinforcement material, thermosetting resin as the matrix, nominal diameter of 100mm to 4000mm, design pressure of 0.1MPa to 3.2MPa, and the temperature of the conveying fluid medium not exceeding 80°C.

Reinforce plastic pipes and fittings with basalt fibers.