

Non-asbestos Metal Reinforced Materials

无石棉金属复合材料

WAG-TL1310

产品说明

WAG-TL1310无石棉金属复合材料适用于制作各种内燃机气缸垫、进排气歧管垫、排气管垫、化油器垫等高压、高温静止的主机垫片，以及压缩机、通用机缸头垫。该产品使用双面冲孔的低碳钢芯板，两面复合含高纯石墨、芳纶、矿物纤维的TL1310抄取板。具有良好的压缩回弹性能、螺栓扭矩保持力。

物理性能

项目	指标
密度/(g/cm ³)	≥ 2.2
压缩率/%	15-30
回弹率/%	≥ 20.0
烧失量(800℃, 1h)/%	≤ 30
浸渍IRM903油后性能 75-85℃, 20h	增重率/% ≤ 25
	增厚率/% ≤ 12
浸渍ASTM燃油B后性能 75-85℃, 20h	增重率/% ≤ 25
	增厚率/% ≤ 10
浸渍蒸馏水后性能 75-85℃, 20h	增重率/% ≤ 25
	增厚率/% ≤ 12
热空气 540℃, 70h	厚度损失率/% ≤ 15
	重量损失率/% ≤ 25

Description

WAG-TL1310 is a Non-asbestos Metal Reinforced Material. It's good for making all kinds of internal combustion engine gasket, like cylinder gasket, manifold gasket, exhaust gasket, carburetor gasket, compressor gasket, general machinery gasket, and other engine gasket with high temperature and high pressure application. It made from double side perforated low carbon steel core combined with TL1310 paper facing. TL1310 paper has high purity graphite, aramid fiber and mineral fiber. It has excellent compressibility and recovery performance, bolt torques retention performance.

Technical Specifications

Property	Specification
Density/(g/cm ³)	≥ 2.2
Compressibility/%	15-30
Recovery/%	≥ 20.0
Ignition lost(800℃, 1h)/%	≤ 30
Fluid Resistance (at ASTM IRM 903 Oil, 75-85℃, 20h)	Weight Change/% ≤ 25
	Thickness Change/% ≤ 12
Fluid Resistance (at ASTM Fuel B, 75-85℃, 20h)	Weight Change/% ≤ 25
	Thickness Change/% ≤ 10
Distilled Water Resistance (at 75-85℃, 20h)	Weight Change/% ≤ 25
	Thickness Change/% ≤ 12
Hot Air (540℃, 70h)	Thickness Change/% ≤ 15
	Weight Change/% ≤ 25

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