

Non-asbestos Sealing Materials

无石棉密封材料

TL1305

产品说明

该产品为灰色无石棉密封材料，含有耐高温矿物纤维，具有良好的耐热性能。易与金属板复合制成增强型密封材料，适用于温度较高的密封环境，如排气管垫、气缸垫等。

物理性能

项目	指标
密度/(g/cm ³)	≥ 1.05
拉伸强度/Mpa	≥ 2.5
压缩率/%	18-30
回弹率/%	≥ 18
烧失量(800℃, 1h)/%	≤ 30
浸渍IRM903油后性能 149±2℃, 5h	增重率/% ≤ 45
	增厚率/% ≤ 15
浸渍ASTM燃油B后性能 21~30℃, 5h	增重率/% ≤ 40
	增厚率/% ≤ 15
浸渍蒸馏水+乙二醇(50:50)后性能 130±2℃, 22h	增重率/% ≤ 60
	增厚率/% ≤ 25
挠曲系数 温度180±2℃, 保持2h	F ≤ 48
浸渍沸水后性能 100±2℃, 5h	无分层起泡

Description

TL1305 is a gray color Non-asbestos gasket material. It contains high-temperature resistant mineral fiber. It has excellent heat resistant performance. Meanwhile, it is good for further processing of metal reinforced and composite gasket material sheet, which is used to produce manifold gasket, cylinder head gasket and the other gaskets in high-temperature application.

Technical Specifications

Property	Specification
Density/(g/cm ³)	≥ 1.05
Tensile Strength /Mpa	≥ 2.5
Compressibility /%	18-30
Recovery /%	≥ 18
Ignition lost (at 800℃*1h)/%	≤ 30
Fluid Resistance (at ASTM IRM 903 Oil, 149±2℃, 5h)	Weight Change /% ≤ 45
	Thickness Change/% ≤ 15
Fluid Resistance (at ASTM Fuel B, 21-30℃, 5h)	Weight Change /% ≤ 40
	Thickness Change/% ≤ 15
Fluid Resistance (at 50 Water :50 Glycol, 130±2℃, 22h)	Weight Change /% ≤ 60
	Thickness Change/% ≤ 25
Flexibility (at 180±2℃, 2h)	F ≤ 48
Distilled Water Resistance (at 100±2℃, 5h)	No Delaminating and No Bubbling

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天府密封科技

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