

Non-asbestos Sealing Materials

无石棉密封材料

TL1513

产品说明

该产品为灰色无石棉密封材料，含有丁腈橡胶和芳纶纤维，具有较好的耐油性和气密封性，抗蠕变性能好。间隙操作温度290℃以下，适用于高温高压条件下的密封环境。

物理性能

项目名称	指标
密度/(g/cm ³)	≥ 1.50
拉伸强度/Mpa	≥ 10
压缩率/%	7-17
回弹率/%	≥ 45
蠕变松弛率/%	≤ 25
浸渍IRM903油后性能 149±2℃, 5h	增重率/% ≤ 30
	增厚率/% ≤ 25
浸渍ASTM燃油B后性能 21~30℃, 5h	增重率/% ≤ 30
	增厚率/% ≤ 25
氮气泄漏率/[mL/(h·mm)]	≤ 300

Description

TL1513 is a gray color Non-asbestos vulcanized gasket material. It contains aramid fiber and nitrile butadiene rubber binder with excellent oil-resistance and creep resistance performance. It is intended for high temperature/and high pressure application with short duration maximum temperature up to 290℃ (550°F).

Technical Specifications

Property	Specification
Density/(g/cm ³)	≥ 1.50
Tensile Strength/Mpa	≥ 10
Compressibility/%	7-17
Recovery/%	≥ 45
Stress Relaxation/%	≤ 25
Fluid Resistance (at ASTM IRM 903 Oil, 149±2℃, 5h)	Weight Change/% ≤ 30
	Thickness Change/% ≤ 25
Fluid Resistance (at ASTM Fuel B, 21-30℃, 5h)	Weight Change/% ≤ 30
	Thickness Change/% ≤ 25
Sealing Performance, nitrogen/[mL/(h·mm)]	≤ 300

天府密封科技

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