

# Non-asbestos Sealing Materials

## 无石棉密封材料

# TL1502

### 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抗蠕变特性。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	指标	
密度/(g/cm <sup>3</sup> )	≥ 1.40	
拉伸强度/Mpa	≥ 11	
压缩率/%	7-17	
回弹率/%	≥ 45	
蠕变松弛率/%	≤ 30	
浸渍 IRM903 油后性能 149±2℃, 5h	增重率/%	≤ 35
	增厚率/%	≤ 20
浸渍ASTM燃油B后性能 21~30℃, 5h	增重率/%	≤ 30
	增厚率/%	≤ 20
油密封性 螺栓扭矩20±2N.m, 内部介质压力0.5 MPa, 保持30min	无泄漏	

### Description

TL1502 is a gray color Non-asbestos vulcanized gasket material. It contains aramid fiber and nitrile butadiene rubber binder with excellent oil-resistance and gas 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 <sup>3</sup> )	≥ 1.40	
Tensile Strength /Mpa	≥ 11	
Compressibility /%	7-17	
Recovery /%	≥ 45	
Stress Relaxation /%	≤ 30	
Fluid Resistance (at ASTM IRM 903 Oil, 149±2℃, 5h)	Weight Change (%)	35
	Thickness Change(%)	20
Fluid Resistance (at ASTM Fuel B, 21-30℃,5h)	Weight Change (%)	30
	Thickness Change(%)	20
Oil sealing performance (at bolt tightening force-torque20±2 N.m, internal liquid pressure0.5 MPa, 30min)	No Leakage	

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