

Non-asbestos Sealing Materials

无石棉密封材料

TL1205

产品说明

该产品属一种无石棉密封材料，含有强化有机纤维，良好的耐油性，较高的拉伸强度，较好的压缩回弹率，间隙使用温度在200℃以下。颜色为红色。

物理性能

项目	指标	
密度/(g/cm ³)	≥ 1.35	
拉伸强度/Mpa	≥ 10.5	
压缩率/%	10-20	
回弹率/%	≥ 50.0	
浸渍 IRM903 油后性能 149±2℃, 5h	增重率/%	≤ 25.0
	增厚率/%	≤ 15.0
	浸油拉伸强度/MPa	≥ 8.0
	压缩率/%	≤ 25.0
	回弹率/%	≥ 40.0
浸渍10W-40柴机油后性能 149±2℃, 5h	增重率/%	≤ 20.0
	增厚率/%	≤ 8.0
	浸油拉伸强度/MPa	≥ 9.0
	回弹率/%	≥ 40.0
浸渍ASTM燃油B后性能 21~30℃, 5h	增重率/%	≤ 20.0
	增厚率/%	≤ 15.0
浸渍蒸馏水+乙二醇(50:50)后性能 130±2℃,22h	增重率/%	≤ 35.0
	增厚率/%	≤ 20.0

Description

TL1205 is a red color vulcanized Non-asbestos gasket material. It contains strengthened organic fiber. It has good compressibility and recovery, excellent low flange pressure sealability and bolt torque retention, and it is intended for engines and pipe flanges applications with short duration maximum temperatures up to 200℃ (390°F).

Technical Specifications

Property	Specification	
Density/(g/cm ³)	≥ 1.35	
Tensile Strength /Mpa	≥ 10.5	
Compressibility /%	10-20	
Recovery /%	≥ 50.0	
Fluid Resistance(at ASTM IRM 903 Oil, 149±2℃, 5h)	Weight Change /%	≤ 25.0
	Thickness Change/%	≤ 15.0
	Tensile Strength Change /%	≥ 8.0
	Compressibility Change /%	≤ 25.0
	Recovery Change /%	≥ 40.0
Fluid Resistance (at Mobil Oil 10W-40, 149±2℃, 5h)	Weight Change /%	≤ 20.0
	Thickness Change/%	≤ 8.0
	Tensile Strength Change /%	≥ 9.0
	Compressibility Change /%	≤ 20.0
Fluid Resistance (at ASTM Fuel B, 21~30℃, 5h)	Recovery Change /%	≥ 40.0
	Weight Change /%	≤ 20.0
Fluid Resistance (at 50 Water :50 Glycol, 130±2℃,22h)	Thickness Change/%	≤ 15.0
	Weight Change /%	≤ 35.0
	Thickness Change/%	≤ 20.0

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天府密封科技

TEAMFUL SEALING TECHNOLOGY

总公司:

成都天府垫片科技有限公司
地址: 中国·四川省成都市双流县西南
航空港经济技术开发区双华路三段123号
电话: 86-028-85875538
传真: 86-028-85651433
邮件: sales@teamful.net

出口部:

电话: 86-028-85875509
传真: 86-028-85651433
邮件: qul@teamful.net

广东分公司

江门天府密封科技有限公司
地址: 中国·广东省江门市新会区大泽
镇创利来工业基地泽棠路
电话: 86-0750-6805518
传真: 86-0750-6805519
邮件: sales@teamfulgd.net

Teamful Headquarters

Chengdu Teamful Gasket Technology
Co.,Ltd.
ADD: No.123, Shuanghua Road Section 3,
the Southwest Airport Economic
Development Zone, Shuangliu, Chengdu,
P.R. China
Tel: 86-028-85875538
Fax: 86-028-85651433
Email: sales@teamful.net

Foreign Trade Dept.

电话: 86-028-85875509
传真: 86-028-85651433
邮件: qul@teamful.net

Guangdong Teamful Branch

JiangMen Teamful Sealing Technology
Co.,Ltd.
ADD: Zetang Road, Chuanglilai Industrial
Zone, Daze Town, Xinhui District, Jiangmen
City, Guangdong, P.R.China
TEL: 86-0750-6805518
FAX: 86-0750-6805519
Email: sales@teamfulgd.net

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