

SPECIFICATION DATA SHEET

100% Non-asbestos Sealing Material

TL2200

Description

TL2200 is a gray color asbestos-free sealing gasket material with low density and excellent compression performance. It is intended for ordinary lubricating oil, gas, and water applications with short duration maximum temperature up to 150°C. It provides outstanding economic efficiency and particularly suitable for the after-sales service market and low-end OEM sealing applications.

Technical Specifications

Properties	Test Method	Specification	
Density/ (g/cm ³)	ASTM F1315	≥1.4	
Tensile Strength/Mpa	ASTM F152	≥7	
Compressibility/%	ASTM F36	10 ~ 20	
Recovery/%	ASTM F36	≥40	
Fluid Resistance (Immersion at ASTM IRM 903 Oil, 149±2°C,5h)	Weight Increase/%	ASTM F146	≤35
	Thickness Increase/%	ASTM F146	≤25
Fluid Resistance (Immersion at ASTM Fuel B, 21~30°C,5h)	Weight Increase/%	ASTM F146	≤25
	Thickness Increase/%	ASTM F146	≤20
Fluid Resistance (Immersion at Distilled Water, 149±2°C,5h)	Weight Increase/%	ASTM F146	≤50
	Thickness Increase/%	ASTM F146	≤35
Rubber Binder Type	Nitrile Butadiene Rubber		

Remarks and Related Documents:

Specification values determined by the test methods required for ASTM F-104, Type 7 materials.
ASTM F104

Specification Data Sheet (A temporary material standard)
Revised 05/25/2023

WARNING: The description and performance data provided herein constitute a material specification for quality control purposes, but do not imply suitability for use in a specific application. Your specific application should not be undertaken without independent study and evaluation for suitability. Failure to select proper sealing products may result in either property damage or personal injury. For specific application recommendations, contact with Teamful Sealing.



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