

Heat Shield and Insulation Filler Material

TL-GR-01

Description

TL-GR-01 is a light color highly inorganic material with excellent heat and flame resistance, and low thermal conductivity. It is recommended for use as a general purpose insulating filler material in 3-layer heat shield construction, muffler and steam pipe insulation, and can withstand short duration maximum temperature up to 600°C (1112°F).

Technical Specifications

Property	Test Method	Specification
Density/ (g/cm ³)	ASTM F1315	0.9~1.0
Tensile Strength/Mpa	ASTM F152	≥1.5
Compressibility/%	ASTM F36	≥10
Recovery/%	ASTM F36	≥20
Weight Loss on Ignition, 800°C @1hr /%	ASTM F495	≤20
Thermal Conductivity, @RT, W/m.K	ISO 8302	0.09 Typical Value

Remarks and Related Documents:

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

Specification Data Sheet

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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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