



Revision: A.01

# TUFLITE 1200 N TS LEN71578 MX7 GUN

## Monolithic Refractory Product Information

Date: 10 Mar 2024

A low density, versatile, insulating gun mix with good volume stability. Can be applied by either casting or gunning installation.

<b>Service Temperature:</b>	1200 °C	<b>Material Required:</b>	1070 kg/m <sup>3</sup>
<b>Typical Water Required:</b>	At Nozzle %	<b>Maximum Grain Size:</b>	5 mm
<b>Water Addition:</b>	Casting 42-46 %	<b>Storage Life:</b>	12 months

### Chemical Analysis

SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO
42	30	5	11.5

### Typical Physical Properties

Tested in accordance with Australian Standards

Prefired to (°C)	Bulk Density (kg/m <sup>3</sup> )	Cold Crushing Strength (N/mm <sup>2</sup> )	Cold Modulus of Rupture (N/mm <sup>2</sup> )	Permanent Linear Change (%)
110	1120	5.5	1.5	-0.20
1100	1070	6.0	1.5	-0.85

### Other Physical Properties

Tested in accordance with Australian Standards

Prefired to (°C)	Apparent Porosity (%)	Thermal Conductivity (W/m.K)	Hot Modulus of Rupture (N/mm <sup>2</sup> )	Permanent Volume Change (%)
400	-	0.30	-	-
816	-	0.35	-	-
1000	-	0.38	-	-

### Formerly:

<b>Drying &amp; Firing:</b>	LEA.7802	<b>Installation Method:</b>	Casting or Gunning	<b>Mixing / Installation:</b>	LEN.7302
<b>Shotcreting:</b>	N/A	<b>Pumping:</b>	N/A	<b>MSDS Reference:</b>	TBA

The physical and/or chemical properties and specifications of the product set forth above represent typical average results obtained in accordance with generally accepted standard test methods conducted under controlled conditions and are subject to normal manufacturing variations. Vesuvius reserves the right to modify the properties and specifications at any time without prior notice.

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