

*Note: The thermal insulating products listed below are all capable of fast firing. For more information, please reach out to your Allied representative.*

**PETROMAX® 19L** - Very lightweight insulating castable for gunning or casting, designed for ducts, stacks, and back-up lining for furnaces.

**PETROMAX® 2025** - Very lightweight insulating castable that can be cast, gunned, or hand-packed.

**PETROMAX® 2250** - Fireclay-based insulating castable that can be cast, gunned, or hand-packed.

**PETROMAX® FAST 600 LT** - Low-iron, lightweight insulating castable for intermediate-temperature hot-face or back-up applications. Supports short-cure or standard-cure rapid heat-up schedules and can be cast or gunned.

**PETROMAX® LT HS** - High strength insulating castable. This versatile design can be installed by casting or gunning.

**PETROMAX® PUMP 60 LI** - Low-iron insulating castable that can be pumped or shotcreted for general applications.

**PETROMAX® FAST 800 LT** - Lightweight insulating castable for intermediate-temperature hot-face or back-up applications. Supports short-cure or standard-cure rapid heat-up schedules and can be cast or gunned.

**PETROMAX® 2890 G** - Special high strength, low-iron, insulating refractory designed for gunning.

**PETROMAX® PUMP 80 LI** - Low-iron insulating castable that can be cast, pumped, or shotcreted for general applications.

**PETROMAX® 3090** - Special high strength insulating castable. This design can be used as a hot face lining or as a high temperature, high strength insulating back up lining. Designed to be cast or vibration cast.

**PETROMAX® 3090 G** - High-strength insulating gunning refractory with a favorable strength-to-density ratio from its specialized aggregate and binder blend. Installs with standard gunning equipment and benefits from pre-dampening.

**PETROMAX® 33100** - Bubble-alumina insulating castable with extremely low iron and silica for sensitive applications including hydrogen environments. Installed by conventional or vibration casting.

**PETROMAX® 25 NS** - Synthetic aggregate refractory castable with a self-flowing design, high purity, low silica, and an excellent strength-to-density ratio. Offers excellent insulating properties.

Product Name	Max Temp. °C (°F)	Density g/cm <sup>3</sup> (lb/ft <sup>3</sup> )	CCS MPa (psi)	PLC (%)	W/mK (BTU·in / ft <sup>2</sup> ·hr·°F)	Al <sub>2</sub> O <sub>3</sub> (%)	SiO <sub>2</sub> (%)	CaO (%)	Fe <sub>2</sub> O <sub>3</sub> (%)
<b>PETROMAX® 19L</b>	1040 (1900)	0.35 (22)	0.3 (40)	-1.4	0.22 (1.5)	34	27	20	6
<b>PETROMAX® 2025</b>	1090 (2000)	0.51 (32)	0.6 (80)	-0.9	0.19 (1.3)	14	40	30	4
<b>PETROMAX® 2250</b>	1205 (2200)	0.83 (52)	1.7 (250)	-0.8	0.25 (1.7)	30	51	14	2
<b>PETROMAX® FAST 600 LT</b>	1316 (2400)	0.96 (60)	4.5 (650)	-0.8	0.28 (1.9)	41	41	13	0.8
<b>PETROMAX® LT HS</b>	1315 (2400)	1.03 (64)	5.5 (800)	-0.4	0.35 (2.4)	28	48	14	5
<b>PETROMAX® PUMP 60 LI</b>	1370 (2500)	1.11 (69)	4.1 (600)	-0.4	0.37 (2.6)	39	48	8	1
<b>PETROMAX® FAST 800 LT</b>	1430 (2600)	1.24 (77)	4.8 (700)	-0.6	0.37 (2.6)	51	37	9	0.8
<b>PETROMAX® 2890 G</b>	1425 (2600)	1.44 (90)	13.8 (2000)	-0.2	0.50 (3.5)	48	43	6	0.9
<b>PETROMAX® PUMP 80 LI</b>	1425 (2600)	1.39 (87)	8.3 (1200)	-0.2	0.62 (4.3)	44	46	7	0.9
<b>PETROMAX® 3090</b>	1650 (3000)	1.32 (82)	13.1 (1900)	-0.3	0.56 (4.0)	56	36	6	0.8
<b>PETROMAX® 3090 G</b>	1650 (3000)	1.56 (98)	11.7 (1700)	-0.1	0.36 (2.5)	61	32	4	0.7
<b>PETROMAX® 33100</b>	1815 (3300)	1.60 (100)	11.7 (1700)	-0.1	1.04 (7.2)	94	0.4	5	0.1
<b>PETROMAX® 25 NS</b>	1480 (2700)	2.16 (135)	37.9 (5500)	-0.2	0.91 (6.3)	80	0.3	19	0.2

