

**Note: Most of the products below are capable of fast firing.**

**PETROMAX® 110 C** - Medium-weight, high-strength insulating castable that combines durable coarse aggregates with special insulating components to deliver strong abrasion resistance and effective insulation.

**PETROMAX® 110 G** - Medium-density, abrasion-resistant refractory gunning product with high strength, low thermal conductivity, and reduced density. Suitable for standard cure and rapid heat-up.

**PETROMAX® ABR** - A fireclay-based castable refractory product designed to offer low density and excellent abrasion resistance.

**PETROMAX® ABR G** - A fireclay-based gunning designed to offer low density and excellent abrasion resistance along with good gunning capabilities and low rebound. Suitable for standard cure and rapid heat-up.

**PETROMAX® FAST 50** - Fireclay-based, low-cement castable with coarse aggregates for added strength and durability. Provides fast cure and heat-up times to minimize downtime.

**PETROMAX® FAST 50 G** - Fireclay-based, low-cement gunning refractory with rapid dry-out for reduced downtime. Provides strong abrasion resistance, good strength and stability, and excellent gunning performance.

**PETROMAX® TUFF 60 A** - Andalusite-based, low-cement castable with good strength and excellent thermal-shock resistance. Installed by vibration casting, pump casting, or self-leveling.

**PETROMAX® 65 G** - Low-iron, mullite-based low-cement gunning refractory with excellent abrasion resistance, volume stability, and high strength. Offers good gunning performance with low rebound. Designed for short cure times and fast heat-up with no intermediate holds.

**PETROMAX® FAST 32 SA** - South American bauxite-based low-cement castable offering high refractoriness, excellent strength, abrasion resistance, and good volume stability. Provides accelerated curing and heat-up.

**PETROMAX® 85 G** - Bauxite-based, low-cement gunning refractory with excellent abrasion resistance and good strength. Provides low-rebound gunning with no pre-dampening. Designed for short cure times and fast heat-up with no intermediate holds.

**PETROMAX® FLO FS** - Fused-silica, low-cement castable with excellent thermal-shock resistance, volume stability, and good strength and abrasion resistance. Can be installed by vibration casting, pumping, or self-leveling.

**PETROMAX® FS G** - Fused-silica, low-cement gunning refractory with excellent thermal-shock resistance, good volume stability, and solid mechanical strength. Offers good gunning performance.

Product Name	Max Temp. °C (°F)	Density g/cm <sup>3</sup> (lb/ft <sup>3</sup> )	CCS MPa (psi)	PLC (%)	ABR (cm <sup>3</sup> (loss))	Al <sub>2</sub> O <sub>3</sub> (%)	SiO <sub>2</sub> (%)	CaO (%)	Fe <sub>2</sub> O <sub>3</sub> (%)
<b>PETROMAX® 110 C</b>	1260 (2300)	1.82 (114)	55.1 (8000)	-0.3	9 to 12	50	42	3	1
<b>PETROMAX® 110 G</b>	1315 (2400)	1.91 (119)	51.7 (7500)	-0.3	9 to 12	45	39	9	2
<b>PETROMAX® ABR</b>	1480 (2700)	2.11 (132)	69.0 (10000)	-0.3	7 to 10	53	37	7	0.9
<b>PETROMAX® ABR G</b>	1315 (2400)	2.08 (130)	48.2 (7000)	-0.4	8 to 12	53	37	7	0.9
<b>PETROMAX® CAST 34</b>	1870 (3400)	2.60 (162)	58.0 (8500)	-0.2	<14	94	0.1	5	0.1
<b>PETROMAX® CAST 34 G</b>	1870 (3400)	2.52 (157)	49.6 (7200)	-0.1	<14	93	0.4	6	0.1
<b>PETROMAX® FAST 50</b>	1650 (3000)	2.29 (143)	55.8 (8100)	-0.2	7 to 9	50	45	2	0.9
<b>PETROMAX® FAST 50 G</b>	1650 (3000)	2.10 (132)	68.9 (10000)	-0.3	11 to 15	49	44	2	0.9
<b>PETROMAX® TUFF 60 A</b>	1700 (3100)	2.58 (161)	96.5 (14000)	-0.2	4 to 6	60	35	2	0.7
<b>PETROMAX® 65 G</b>	1650 (3000)	2.31 (144)	60.0 (8700)	-0.4	9 to 12	66	27	2	0.9
<b>PETROMAX® FAST 32 SA</b>	1760 (3200)	2.70 (169)	86.1 (12500)	-0.2	3 to 7	76	18	1	1
<b>PETROMAX® 85 G</b>	1760 (3200)	2.53 (158)	62.1 (9000)	-0.5	7 to 11	84	10	2	0.9
<b>PETROMAX® FLO FS</b>	1315 (2400)	1.94 (121)	68.9 (10000)	-0.2	7 to 10	14	84	2	N/A
<b>PETROMAX® FS G</b>	1200 (2200)	1.92 (120)	55.1 (8000)	-0.3	10 to 14	23	74	2	0.3

*\*Allied severe service products include ACTCHEM® technology. See ACTCHEM® brochure.*

