



Panel Mixes

Product Data

GAS PANEL MIX

GAS PANEL MIX is used to produce lightweight, strong panels. They can be manufactured to a wide range of sizes to fit special industrial needs.

Maximum Service Temperature: 1600°F (870°C)

Bulk Density:
220°F (105°C) 80 – 86 lbs/ft³ (1280 - 1376 kg/m³)
1500°F (815°C) 78 – 82 lbs/ft³ (1248 - 1312 kg/m³)

Cold Crushing Strength:
220°F (105°C) 1,500 – 2,000 psi (105 -140 kg/cm²)
1500°F (815°C) 800 – 1,200 psi (56 – 84 kg/cm²)

Permanent Linear Change (%):
1500°F (815°C) -0.5 to -1.1%

Conductivity or “K” Factor:

Mean Temp.	BTU/ft ² /Hr/°F/in	W/mK
500°F (260°C)	1.1	0.16
1000°F (540°C)	1.3	0.19
1500°F (815°C)	1.6	0.23

Typical Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	TiO ₂	MgO	Na ₂ O	K ₂ O
25.4	48.9	3.5	20.2	0.7	0.7	0.3	0.3

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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