

FABCERAM 33

Fabceram 33 is a high temperature, electrically resistant machinable ceramic. It has glass like electrical performance with good mechanical properties up to 1100 °F. This is a beige filament reinforced glass ceramic. This is the right product for a broad range of temperatures and environments where very good electrical properties are used. Custom conductor supports are easily made. This can be used where plastics would have been chosen except for the need for high temperature resistance or dimensional stability is required. Its thermal expansion properties make it easy to use with conventional steel supports.

Fabceram 33 is supplied in rods and plates up to 14 x 20 “. It can easily be machined or ground with carbide or harder tools. We suggest slow speeds with cooling so as to minimize local thermal shock. It may be ground to exact tolerances.

Min temp	Max temp	CT E	Elect resist	Moist resist
-400°F	1100°F	9.4	BEST	BEST

PLATES

14 x 20 x 1/4	\$595
14 x 9 3/4 x 1/4	\$350
14 x 20 x 1/2	\$795
14 x 9 3/4 x 1/2	\$425
14 x 20 x 1.0	\$1595
14 x 9 3/4 x 1.0	\$890

RODS

18 x 1/2	\$240
8 3/4 x 1/2	\$135
18 x 1	\$335
8 3/4 x 1	\$ 175