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heating a nonmetallic mineral or clay at an extremely high
temperature the word ceramic comes from the greek word for burnt
material keramos ceramics are used to produce pottery porcelain china
and ceramic tile they may also be found in cement

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one of the simplest approaches in glass ceramics synthesis is thermal
treatment of a precursor glass obtained by the melt quenching
technique in this two step process first a chosen composition of powder
ingredients is melted and rapidly quenched afterward usually by
pouring the melt onto a stainless steel brass or graphite mold

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