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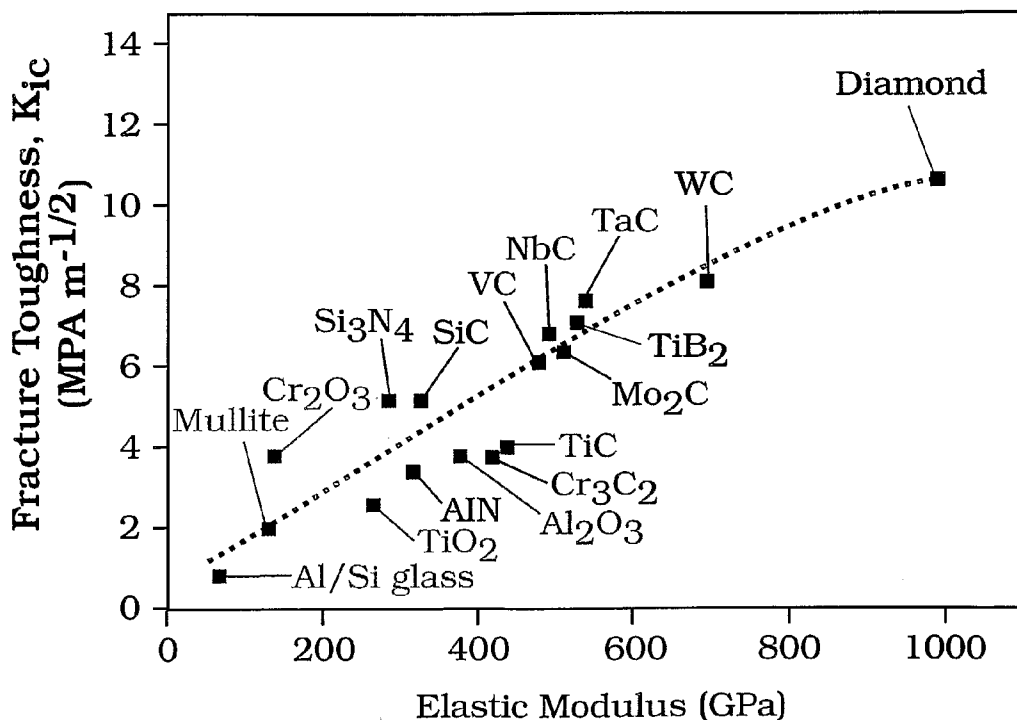
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(54) Title: **ADVANCED EROSION RESISTANT CARBONITRIDE CERMETS**



(57) Abstract: The invention includes a cermet composition represented by the formula (PQ)(RS) comprising: a ceramic phase (PQ) and a binder phase (RS) wherein, P is a metal selected from the group consisting of Ti, Zr, Hf, V, Nb, Ta, Cr, Mo, W, Fe, Mn and mixtures thereof, Q is carbonitride, R is a metal selected from the group consisting of Fe, Ni, Co, Mn and mixtures thereof, S comprises at least one element selected from Cr, Al, Si and Y.

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