



**Fig. 12.25** The effect of gas content on porosity formation in AISI 8620 steel castings. The solid line separates castings expected to have porosity from those without it. Composition of the alloy (in wt%): 0.186 C, 0.83 Mn, 0.28 Si, 0.56 Cr, 0.55 Ni, 0.16 Mo, 0.015 P and 0.015 S. (From Sung et al. [21].)

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