

COMPILATION OF CHEMICAL COMPOSITIONS AND RUPTURE STRENGTHS OF SUPERALLOYS

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Subcommittee XII on Specifications for High-Temperature,
Super-Strength Alloys of ASTM Committee A-10 on Iron-
Chromium, Iron-Chromium-Nickel, and Related Alloys
and
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This revision of DS-9 is the second cooperative publication of ASTM and DMIC. The first was the ASTM Data Series Publication, "The Elevated-Temperature Properties of Selected Superalloys", DS 7-S1, issued in July, 1968.

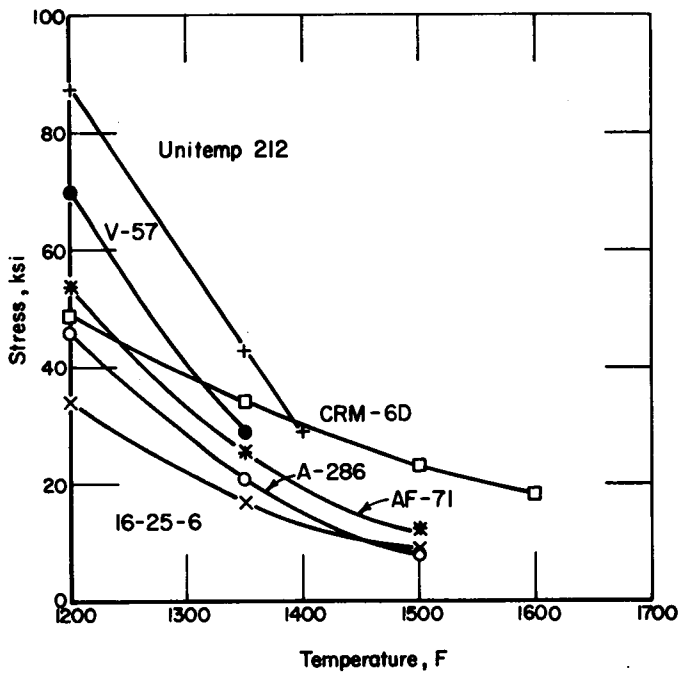


FIGURE 1. 1000-HOUR RUPTURE STRENGTHS OF SELECTED IRON-BASE ALLOYS

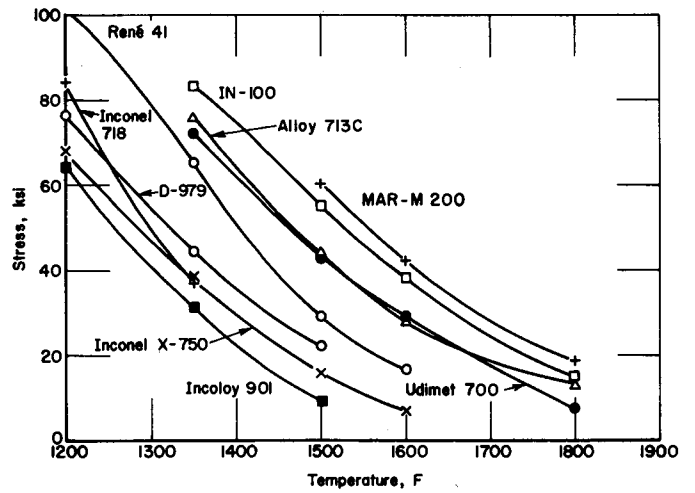


FIGURE 2. 1000-HOUR RUPTURE STRENGTHS OF SELECTED NICKEL-BASE ALLOYS

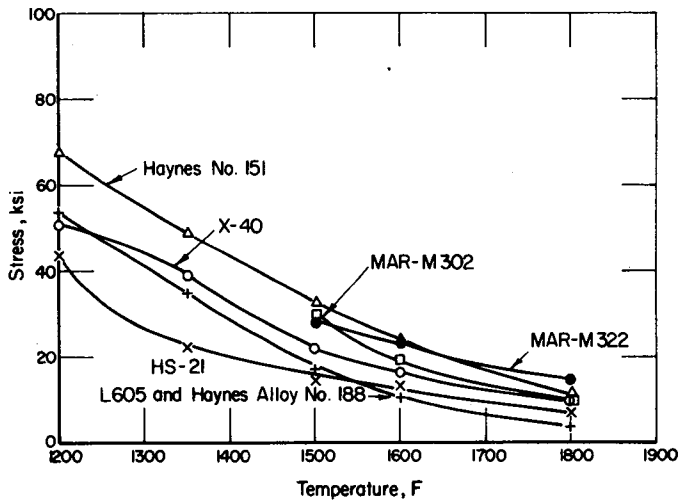


FIGURE 3. 1000-HOUR RUPTURE STRENGTHS OF SELECTED COBALT-BASE ALLOYS

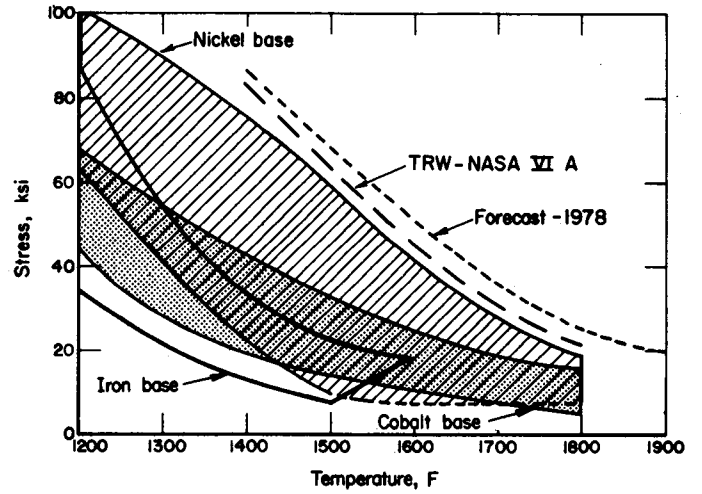


FIGURE 4. 1000-HOUR RUPTURE STRENGTHS