

Fig.1 XRD patterns of powders.

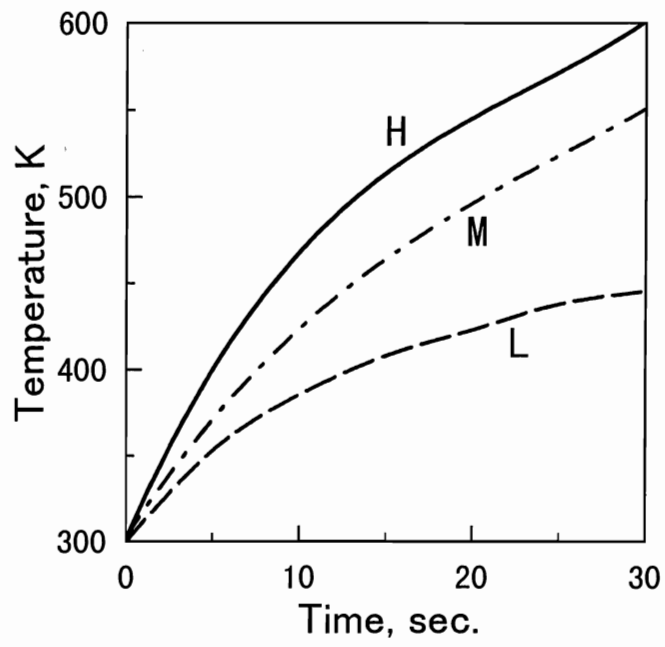


Fig.2 Temperature change of substrate heated by HVOF flame.

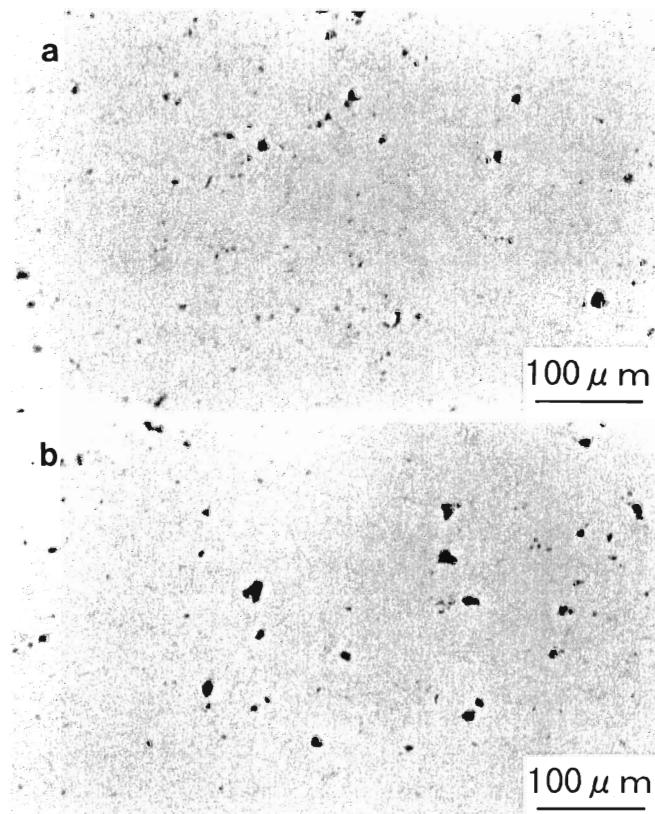


Fig.3 Optical micrographs of the coatings of 10Cr alloy.  
Sprayed under the condition of H (a) and L (b).

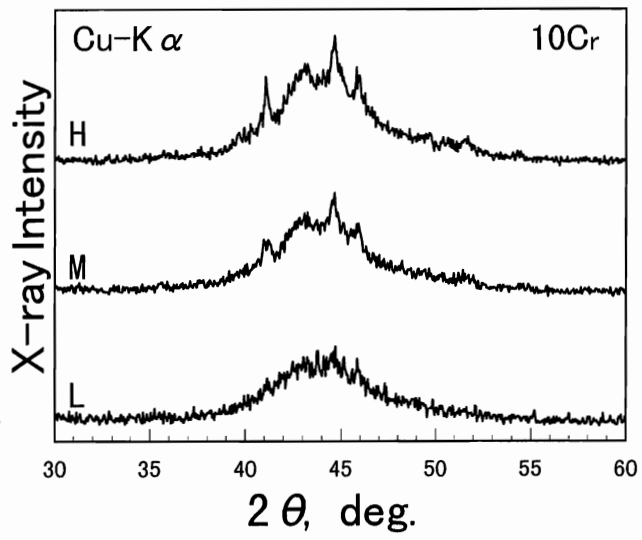


Fig.4 XRD patterns of as-sprayed coating of 10Cr alloy.

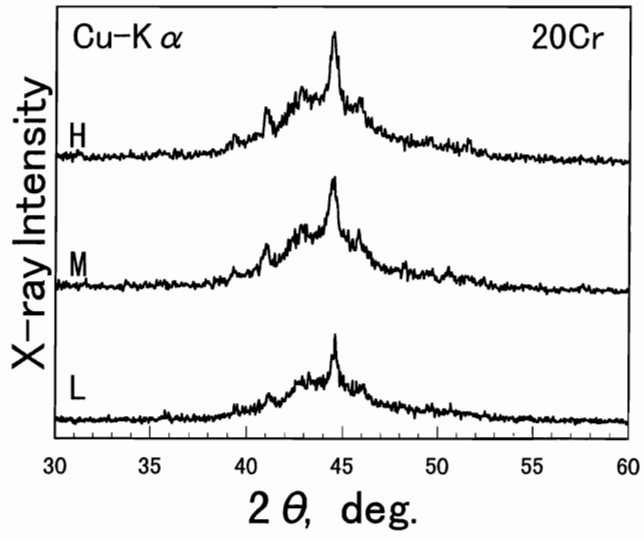


Fig.5 XRD patterns of as-sprayed coating of 20Cr alloy.

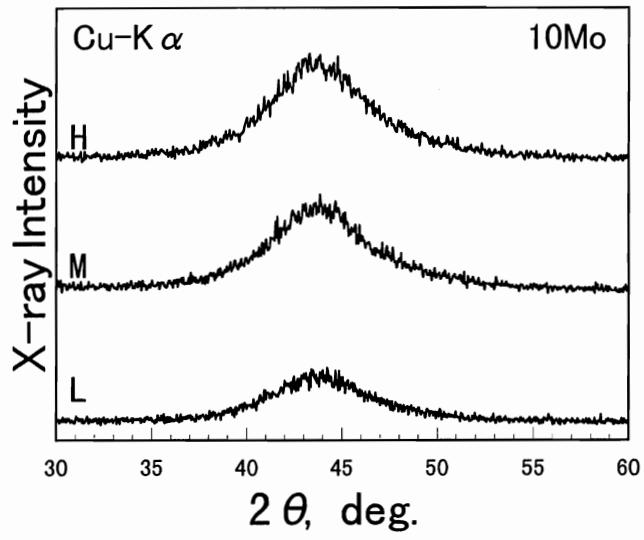


Fig.6 XRD patterns of as-sprayed coating of 10Mo alloy.

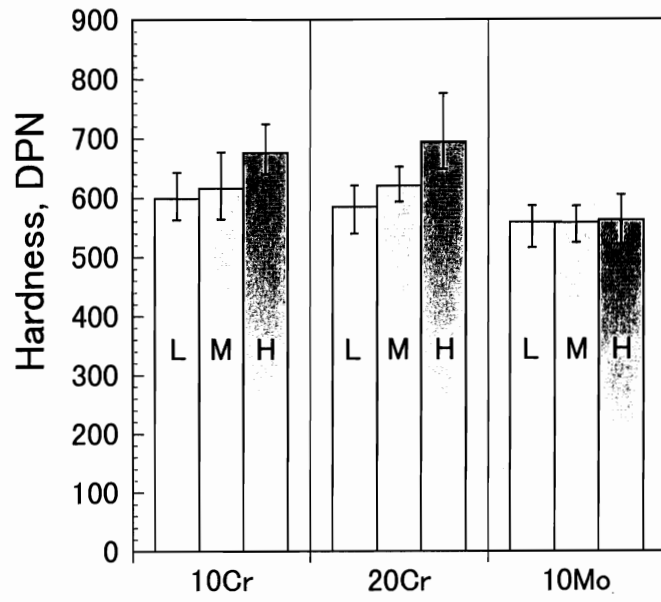


Fig.7 Hardness of as-sprayed coatings.

Longitudinal bars at top of rectangle show range of maximum and minimum hardness.

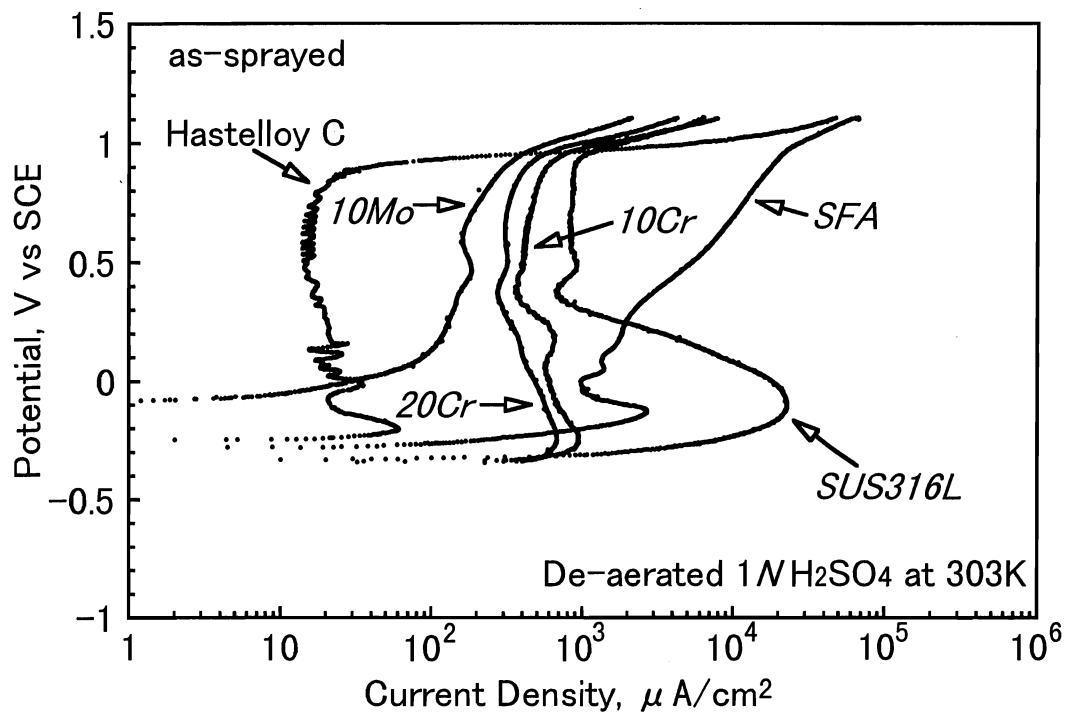


Fig.8 Anodic polarization curves of as-sprayed coatings in 1N H<sub>2</sub>SO<sub>4</sub> solution.



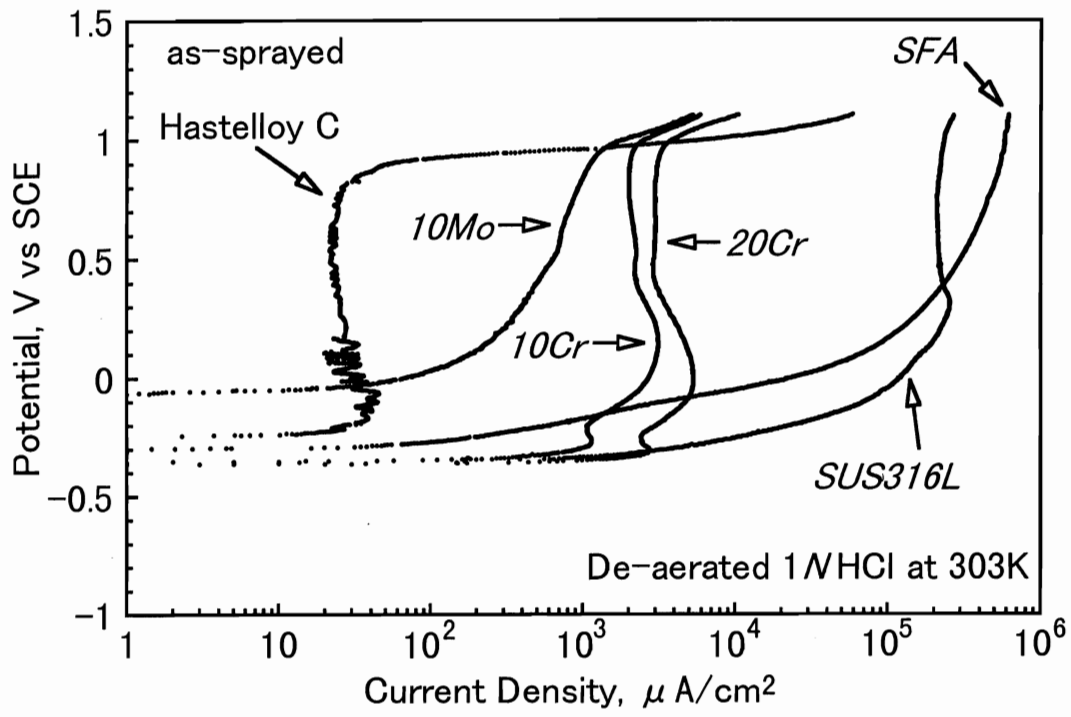


Fig.9 Anodic polarization curves of as-sprayed coatings in 1N HCl solution.