

The study of optical properties in diecast AZ91D

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As the lightest metal structure material, magnesium alloy has low density, high specific strength and specific stiffness, good damping characteristic, excellent machinability and castability, etc. So more and more magnesium alloy products have been used in automobile, communication and aerospace industries. Especially, thin wall magnesium alloy castings such as a shell of portable computer, mobile telephone and camera have showed a promising future. In this paper, we study of optical properties in diecast AZ91D by using arc anodizing method.