

*Abstract:*



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Figure 1: Comparison of the fracture surface morphology of the specimen after the fracture test.

Photo 3 shows the fracture surface morphology of the specimen after the fracture test. The fracture surface is characterized by a large amount of dimples, indicating a ductile fracture mechanism. The dimples are distributed throughout the fracture surface, and their size and shape vary. The fracture surface is also characterized by a large amount of plastic deformation, which is evident from the large amount of elongation and the presence of a large amount of necking.

Figures 1 and 2 show the fracture surface morphology of the specimen after the fracture test. The fracture surface is characterized by a large amount of dimples, indicating a ductile fracture mechanism. The dimples are distributed throughout the fracture surface, and their size and shape vary. The fracture surface is also characterized by a large amount of plastic deformation, which is evident from the large amount of elongation and the presence of a large amount of necking.





