

Abstract

[Problem to be solved] Provided is a polysilicon fractured product capable of preventing resin contamination to a level that cannot be achieved by conventional means when a resin bag is filled with the polysilicon fractured product and transported after being filled, and the polysilicon fractured product is taken out from the resin bag.

[Solution] A polysilicon fractured product includes fractured pieces including a ridge portion generated by fracturing a polysilicon rod. An average radius of curvature (r) of the fractured pieces is 50 μm or more at a tip end of a ridge portion having an angle of 70° or less. The polysilicon fractured product is obtained by a method including a fracturing step of fracturing a polysilicon rod to obtain fractured pieces, and an etching step of performing etching at an etching speed of 2.5 $\mu\text{m}/\text{min}$ or less to achieve an etching depth of 5 μm or more by immersing the fractured pieces obtained in the fracturing step in an etching solution.

(Fig. 1)