

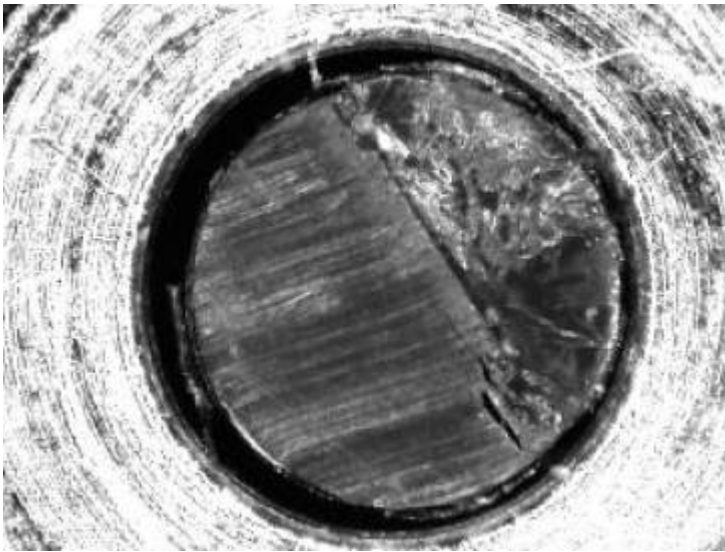
Termination method for Plastic Optical Fiber

MITSUBISHI CHEMICAL CORPORATION

Appearance of **just cutting**

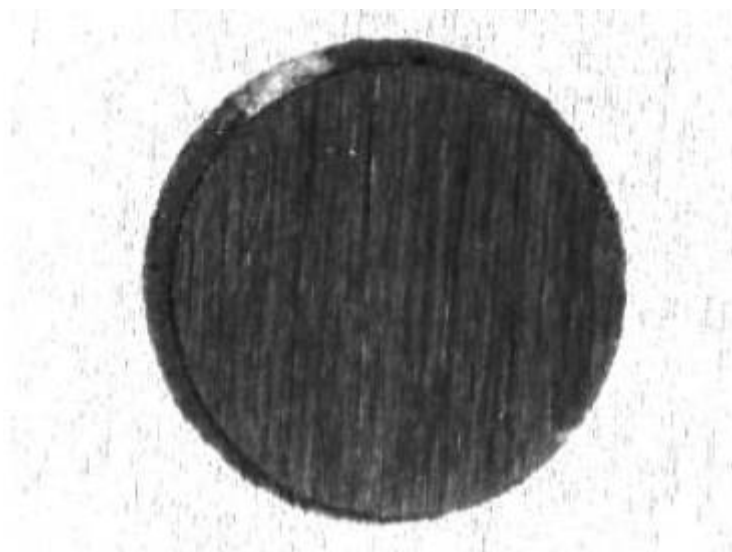
-In case of this picture, blade has entered from left side. The left side is well finished but right side is cracked. This crack occurs under the strong stress of scissors.

However you will have polish or hotplate processing at next step, it is needed to cut clearly.



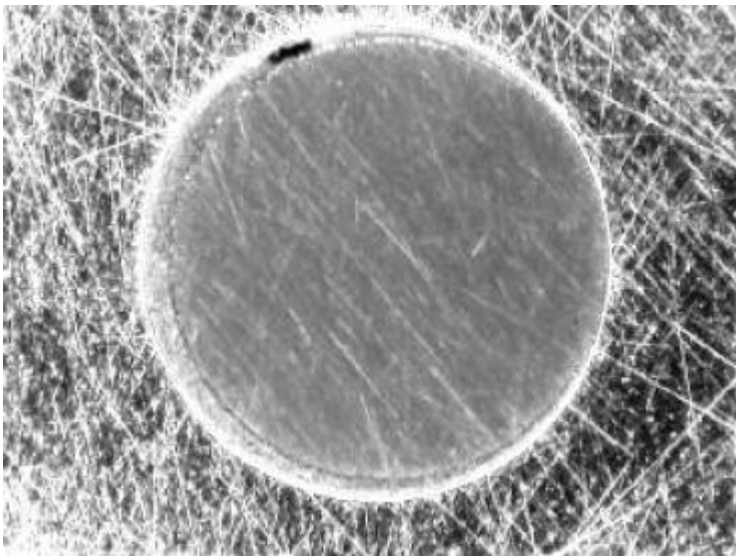
Appearance of **polished by sandpaper #800**

Sandpaper #800 is not enough. You can see from this picture that lots of scars.



Appearance of buffing

Though you can see slight scars, those scars are very shallow and normally it is not visible. (In this picture, we use spot light to show the scars.) This level of scar has no serious effects on optical property.



Appearance of Hotplate

You just need to put POF surface onto heated metal plate.

Metal surface will be printed to POF surface. So, metal surface has to be flat and clean.

* We do not handle hotplate equipment. So you need to make by yourself

