



### 1. Color measurement of plastic pellets

The color of plastic pellets should be measured during the production. For this purpose a color measurement sensor type **SPECTRO-3-FIO-MSM-ANA** in connection with an optical fiber type **D-S-A2.0-(2.5)-1200-67°** and an optical frontend type **KL-D-14°-84-A2.0** will be used. At this, the distance of the optical frontend to the inspection glass is approximately 100mm and the spot size at this distance is around 15mm in diameter. The color can be proper measured as shown in the screen shots.

