Fatigue Resistance of AURUM®

Engineering plastics are used for a variety of moving parts because of their excellent mechanical properties. As one of the properties required of such parts, reliability in stable long-term use can be cited.

Fatigue resistance is used as a measure for judging the reliability of a resin in use (under load). It is commonly evaluated by repeatedly stressed fatigue or repeatedly flexed fatigue.

Fig. 1 shows the repeatedly stressed fatigue properties of AURUM® JCN3030.

![Fig. 1  Stressed Fatigue Properties of JCN3030](image)

The information contained herein is based on the information and data available at this moment, but none of the data or evaluation results contained herein provide any warranty whatsoever.