Long-term Thermal Stability of AURUM®

One of the characteristics of AURUM® is excellent long-term thermal stability at high temperatures.

The long-term thermal stability of a resin is usually evaluated by the changes with time in its properties (such as mechanical and electrical properties, for example) which will take place when a test specimen of the resin is exposed to a high-temperature atmosphere.

Fig. 1 shows changes in the tensile strength of AURUM® at 230°C.

In addition, Fig. 2 shows changes in the Izod impact strength of AURUM® in comparison with ULTEM, another thermoplastic polyimide.

![Fig. 1 Changes with Time in Tensile Strength at 230°C](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.
Fig. 2  Changes with Time in Izod Impact Strength at 220ºC

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