

Technical Literature F-03

Ultraviolet Light Resistance of AURUM[®]

Given below are results of a ultraviolet light irradiation test conducted on AURUM[®] to determine the ultraviolet light resistance of AURUM[®].

1. Irradiation Conditions

1200 watts, 230 volts, 50 Hz
 60°C x 16 hrs (irradiation)
 40°C x 8 hrs (without irradiation)
 Time: 200, 500 and 1,000 hrs

2. Sample

Injection-molded articles of AURUM[®] natural resin

3. Test Results

Sample	Time (hrs)	Tensile strength (YS/TS) (kg/cm ²)	Tensile elasticity modulus (kg/cm ²)	Elongation (%)
AURUM [®]	0	980/840	21,200	43
#450	200	950/880	23,700	31
	500	970/880	24,400	30
	1,000	940/860	23,300	31

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.