

Technical Literature F-10

Low-temperature (-196°C) Properties of AURUM[®]

Shown below are results of the measurement of the tensile strength and elongation at very low temperature (-196°C) in comparison with that at room temperature (23°C).

	Test temperature °C	Tensile strength MPa	Elongation %
PL450C (natural)	23	92.1	90
	-196	189.2	16
JCN3030 (carbon fiber reinforced grade)	23	228.4	2
	-196	355.9	0.5

Rate of pulling: 5 mm/min

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.