

Material PA 4201

Revision Index
02**Revision Date**
06.02.2024**General Data**Filler: molybdenum disulfide
(MoS₂), %**Physical Properties**

	Nominal Range	Typical Value
Density DIN EN ISO 1183-1, 23 °C	116	g/cm ³
Elongation at break DIN EN ISO 527, S2, 23 °C	3.5	%
Tensile stress at yield DIN EN ISO 527	95	MPa
Notched impact strength ISO 179/1eA, Charpy	4.7	kJ/m ²
Tensile modulus DIN EN ISO 527, 23 °C, PR	3500	MPa

Temperature Range

static: to 90 °C

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufacturing process and the component geometry. The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisions do not plan for something else.

Print date: 29.04.2025