

Material PA 4201

revision index
1

revision date
3/26/2012

page 1 / 2

Physical properties

	typical values	
Density DIN EN ISO 1183-1, 23 °C	1.15	g/cm ³
Ball indentation hardness DIN EN ISO 2039-1, 23 °C	119	MPa
Flexural stress DIN EN ISO 178	60	MPa
Elongation at break DIN EN ISO 527, S2, 23 °C	4	%
Tensile stress at yield DIN EN ISO 527	85	MPa
Tensile modulus DIN EN ISO 527, 23 °C, PR	3500	MPa
Impact strength ISO 179/1eA, Charpy	7	kJ/m ²
Temperature range		to 90°C

Declarations of conformity

	Country	Part	Remark	Expires	unlimited
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)		<input checked="" type="checkbox"/>

Freudenberg

Freudenberg FST GmbH
Global Material Technology
Daniel Danzer
Telefon: +49 6201 80 2182
Fax: +49 6201 88 2182
Email: Daniel.Danzer@fst.com

Material PA 4201

revision index

1

revision date

3/26/2012

page

2 / 2

No ASTM D2000 properties available

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.

Freudenberg

Freudenberg FST GmbH
Global Material Technology
Daniel Danzer

Telefon: +49 6201 80 2182

Fax: +49 6201 88 2182

Email: Daniel.Danzer@fst.com