

Product: iglidur® X

21 September 2005

General Properties:

density:	1.44 g/cm ³
colour:	black
saturation with moisture absorption at 23 °C / 50% r. h.:	0.1 weight %
saturation with water:	0.5 weight %

Mechanical Properties:

flexural modulus:	8100 MPa
flexural strength:	170 MPa
max. permissible surface pressure at 20 °C:	150 MPa
Shore D hardness:	85

Thermal Properties:

highest long term service temperature:	250 °C
highest short term service temperature:	315 °C
highest short term ambient temperature ¹⁾ :	315 °C
lowest service temperature:	-100 °C

Electrical Properties²⁾:

specific volume resistivity:	<10 ⁵ Ωcm
surface resistivity:	<10 ³ Ω

¹⁾ without additional load; no movement; relaxation possible.

²⁾ The good conductivity of this product might lead to the corrosion of metallic counterparts under certain conditions

The information on this Product Data Sheet is based on our current knowledge of the specified product. None of the information comprises one or more guarantees on certain properties .

Erstellt: 14.09.2005/Dr. Ralf Selzer/ Entwicklung

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Geändert:

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Stand: A

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