

Product: iglidur® H4

21 September 2005

General Properties:

density:	1.79 g/cm ³
colour:	brown
saturation with moisture absorption at 23 °C / 50% r. h.:	0.1 weight %
saturation with water:	0.2 weight %

Mechanical Properties:

flexural modulus:	7500 MPa
flexural strength:	120 MPa
max. permissible surface pressure at 20 °C:	65 MPa
Shore D hardness:	80

Thermal Properties:

highest long term service temperature:	200 °C
highest short term service temperature:	240 °C
highest short term ambient temperature ¹⁾ :	260 °C
lowest service temperature:	-40 °C

Electrical Properties:

specific volume resistivity:	>10 ¹³ Ωcm
surface resistivity:	>10 ¹² Ω

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