

Product: iglidur® J

21 September 2005

General Properties:

density:	1.49 g/cm ³
colour:	yellow
saturation with moisture absorption at 23 °C / 50% r. h.:	0.3 weight %
saturation with water:	1.3 weight %

Mechanical Properties:

flexural modulus:	2400 MPa
flexural strength:	73 MPa
max. permissible surface pressure at 20 °C:	35 MPa
Shore D hardness:	74

Thermal Properties:

highest long term service temperature:	90 °C
highest short term service temperature:	120 °C
highest short term ambient temperature ¹⁾ :	140 °C
lowest service temperature:	-50 °C

Electrical Properties:

specific volume resistivity:	$>10^{13} \Omega\text{cm}$
surface resistivity:	$>10^{12} \Omega$

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