

Product: iglidur[®] W300

19.11.2013

General Properties:

density:	1.24 g/cm ³
colour:	yellow
saturation with moisture absorption at 23°C / 50% r. h.:	1.3 weight %
saturation with water:	6.5 weight %

Mechanical Properties:

flexural modulus:	3500 MPa
flexural strength:	125 MPa
max. permissible surface pressure at 20 °C:	60 MPa
Shore D hardness:	77

Thermal Properties:

highest long term service temperature ¹⁾ :	90°C
highest short term service temperature ^{1), 2)} :	180°C
highest short term ambient temperature ^{1), 2)} :	200°C
lowest service temperature:	-40°C

Electrical Properties:

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

¹⁾ relaxation possible

²⁾ without additional load; no movement