

Product: iglidur[®] P

19.11.2013

General Properties:

density:	1.58 g/cm ³
colour:	black
saturation with moisture absorption at 23°C / 50% r. h.:	0.2 weight %
saturation with water:	0.4 weight %

Mechanical Properties:

flexural modulus:	5300 MPa
flexural strength:	120 MPa
max. permissible surface pressure at 20 °C:	50 MPa
Shore D hardness:	75

Thermal Properties:

highest long term service temperature ¹⁾ :	130°C
highest short term service temperature ^{1), 2)} :	200°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