

Product: iglidur[®] C210

19.11.2013

General Properties:

density:	1.40 g/cm ³
colour:	purple
saturation with moisture absorption at 23°C / 50% r. h.:	0.3 weight %
saturation with water:	0,7 weight %

Mechanical Properties:

flexural modulus:	2350 MPa
flexural strength:	60 MPa
max. permissible surface pressure at 20 °C:	35 MPa
Shore D hardness:	70

Thermal Properties:

highest long term service temperature ¹⁾ :	100°C
highest short term service temperature ^{1), 2)} :	180°C
highest short term ambient temperature ^{1), 2)} :	190°C
lowest service temperature:	-30°C

Electrical Properties:

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

Chemical Properties:

No polymer is resistant against all chemicals
 More resistant than iglidur J against many acids
 More resistant than iglidur J against solvents
 More resistant than iglidur J against hydrogen peroxide
 Unsuitable for use in hot water over long periods of time

¹⁾ relaxation possible

²⁾ without additional load; no movement

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 .