

## Product: iglidur<sup>®</sup> C210 3d-printed

07.09.2016

### General Properties:

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

### Mechanical Properties <sup>3)</sup>:

flexural modulus:	1600 MPa
flexural strength:	38 MPa
max. permissible surface pressure at 20 °C:	not tested
Shore D hardness:	70

### Thermal Properties:

highest long term service temperature <sup>1)</sup> :	100°C
highest short term service temperature <sup>1), 2)</sup> :	180°C
highest short term ambient temperature <sup>1), 2)</sup> :	190°C
lowest service temperature:	-30°C

### Electrical Properties:

specific volume resistivity:	>10 <sup>13</sup> Ωcm
surface resistivity:	>10 <sup>12</sup> 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

<sup>1)</sup> relaxation possible

<sup>2)</sup> without additional load; no movement

<sup>3)</sup> 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 .

Erstellt: 03-May-2010/Dr. Ralf Selzer/ Entwicklung

F-2-0034-A

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