

## Product: xirodur® F500

### General Properties:

density:	1.40 g/cm <sup>3</sup>
colour:	black
saturation with moisture absorption at 23°C / 50% r. h.:	0.3 weight %
saturation with water:	0.45 weight %

### Mechanical Properties:

flexural modulus:	24000 MPa
flexural strength:	380 MPa
Shore D hardness:	87.5

### Thermal Properties:

highest long term service temperature <sup>1)</sup> :	240°C
highest short term service temperature <sup>1), 2)</sup> :	300°C
lowest service temperature:	-55°C

### Electrical Properties:

specific volume resistivity:	>10 <sup>5</sup> Ωcm
surface resistivity:	>10 <sup>4</sup> Ω

<sup>1)</sup> relaxation possible

<sup>2)</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.