

# IsoUsch D200

Specification **Insulation-washer for flange-insulations according to DIN – cathodic corrosion protection**

Dimensions for flange-screws M10 – M52  
 (The dimensions of the IsoUsch 200 depends on the steel-washer according to DIN 125 and have a 3mm bigger outer diameter than according to DIN 125)

**Isolation**  
 Binder Epoxy resin  
 Material glas filament fabrics  
 Appearance light green / green

	<i>unit</i>	<i>value</i>	<i>test method</i>
Thickness	mm	4,0 – 20	
Density	g/cm <sup>3</sup>	2,0	ISO 1183/A
Tensile strength	MPa	300	ISO 527
Residual strength	MPa	500 / 350 / 300 (20°C / 180°C / 220°C)	ISO 604
Bowing strength	MPa	250 / 150 (120°C / 150°C)	ISO 178
Operating temperature	°C	200	IEC 60216
Maximum temperature	°C	220	IEC 60216
Specific volume resistance	Ωcm	10 <sup>16</sup>	DIN/VDE 0303T30
Dielectric constant (1MHz)		about 5	DIN 53483
Dielectric strength (1min-test-voltage, 3 mm thickness)	kV/mm	13	IEC 60234
Waterabsorption	mg	30	ISO 62/1

status: December 2019 file: IsoUsch\_D200\_english.doc  
 based on german datasheet IsoUsch\_D200.doc  
 technical modifications, printing errors, mistakes or omissions reserved