

IsoUsch 150

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

Dimensions for flange-screws M10 – M52
(The dimensions of the IsoUsch 150 depends on the stell-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 ³	2,0	ISO 1183/A
Tensile strength	MPa	240	ISO 527
Residual strength	MPa	500 / 350 (20°C / 180°C)	ISO 604
Bowing strength	MPa	300 / 200 (120°C / 150°C)	ISO 178
Operating temperature	°C	150	IEC 60216
Maximum temperature	°C	180	IEC 60216
Dielectric strength (1min-test-voltage, 3 mm thickness)	kV/mm	13	IEC 60234
Waterabsorption	mg	20	ISO 62/1

status: December 2019 file: IsoUsch_150_english.doc
 based on german datasheet IsoUsch_150.doc
 technical modifications, printing errors, mistakes or omissions reserved