

PE Schaum weiß RG33 | Z6121

product information

rev. Januar 2015

quality no : Z6121
quality name : PE Schaum weiß RG33
producer : WiCo Wichmann, Otto & Cie GmbH + Co. KG

description : a closed-cell, physically crosslinked foam

product

colour : white
composition : closed cell
equipment : without or one sided adhesive as assembling aid

technical data

material : cell polyethylene
volume weight : DIN 53420 33 kg/m³
tensile strength : DIN 53571, lengthwise | cross 0,45 N/mm² | 0,30 N/mm²
elongation : DIN 53571, lengthwise | cross 145 % | 115 %
compressive strength : DIN 53577, compression 30% | 50% | 70% 40 kPa | 85 kPa | 190 kPa
compression set : DIN 53572, 22h 23°C (296 k)
compression 25 %, 30min after discharge 15 %
compression 25 %, 24h after discharge 4 %
compression 50 %, 30min after discharge 42 %
compression 50 %, 24h after discharge 20 %
K-factor = °C (273 K) : DIN 52612 0,035 W/mK
water absorption : DIN 53428 after 7 days | 28 days 0,5 Vol.-% | 0,8 Vol.-%
water vapor permeability : DIN 53122, 5mm 0,72 g/m². 24h
water vapor diffusion factor μ : DIN 52615 2500
working temperature range : -5 bis +60°C

stabilities

oil : not resistant
petrol : not resistant
acids : resistant
bases : resistant
weather conditions, aging : excellent resistant

notes

Our advice is given to the best of our knowledge, but only as a non-binding reference and does not exempt our own examination of the products supplied by us for their suitability for the intended procedures and purposes. The specified technical data are guide values, i.e. experience values from longer production periods. The processing of our products is beyond our control and is therefore exclusively within your area of responsibility. Of course, we guarantee the perfect quality of our products according to our general sales and delivery conditions. Due to raw material and production, as well as by external influences (temperature, humidity, etc.), the stated values can fluctuate by up to $\pm 25\%$