Faserverbundwerkstoffe®

Composite Technology

Technical Data

Glass microspheres 2.5 g/cm³

Soda-lime glass



Technical properties:

Form round

Density (specific weight)

Hardness after Mohs

Thermal expansion coefficient

round

2.5 g/cm³

6

7.75 x 10⁻⁶ / K⁻¹ (0-300°C)

Refractive Index 1.51 Modulus of elasticity after Young $1.51 \times 10^{-6} \, \text{psi}$

Bulk density

PH value

10 x 10 psr

1.5 kg/dm³

1.1 - 12

Dielectric number 22°C, 1 MHz 7.6

Dielectric loss 22°C, 1 MHz 8.5 x 10⁻³

Acidity class ---

Alkaline Class --Deformation temperature 740 °C
Lead content unleaded

Chemical composition:

72,5%	Al_2O_3	0,4%
13,7%	FeO/Fe ₂	0,2%
CaO 9,8%	MgO	3,3%
	K ₂ O	0,1%
	13,7%	13,7% FeO/Fe ₂ 9,8% MgO

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