

properties	test method	Technical data	unit
resin type		unsaturated polyester	
type of reinforcement		Glas: matt- roving-matt	
fibre content		50-68	Gew.-%
specific weight		1,65-1,95	g/cm ³
flexural strength	P	320-360	N/mm ²
flexural strength	S	150-160	N/mm ²
flexural E-module	P	7-44 x 10 ³	N/mm ²
tensile strength	P	200-350	N/mm ²
tensile strength	S	50-120	N/mm ²
compressive strength		240-280	N/mm ²
dielectric constant		4	
spec. electrical resistance		10 ¹²	Ω x cm
penetration resistance	P	5-10*	KV/mm
trickle current resistance	P	600	CTI
1-min test-voltage	S	8	KV/mm
coefficient of thermal expansion	P	15-25 x 10 ⁻⁶	K ⁻¹
water absorption		< 5	Gew.-%
head conductivity		0,3	W/mK
recommended temperature limit		100-180	Grad C
P= parallel to laminated surface			
* = depending of Fiber orientation			
S= perpendicular to laminated surface			

our data sheets and publications should assist you in your consultation. All the values given are average values under normal conditions: they are not to be tips for the support of our clients in the utilization of our products. They do not relieve the client of the requirement to carry out trials on their own with our products to ensure that the products fulfill the posed requirements.

Furthermore we make reference to our general sales, delivery and payment conditions.