

**Mechanische Werkstoffdaten
fibroform**



Mechanische Werkstoffdaten

Properties	Unit	DIN	WPC IM500	PP GF30	PA GF30
Tensile strength	MPa	53455	30	86	120
Elongation at break	%	53455	0.9		
Tension modulus of elasticity	MPa	53455	5100	5500	6500
Flexural strength	MPa	53452	48		
Edge fiber strain	%	53452	2.0		
Bending modulus of elasticity	MPa	53452	4000		
Impact resistance	KJ/mm ²	53453	6.4		
Indenting impact resistance	KJ/mm ²	53453	3		
Indentation hardness	MPa	53456	93		
Density	g/cm ³	53479	1.05 - 1.20	1,14	1,36
residual moisture	%		1.20		
Water absorption	%		1,5-3		
Impact tension viscosity	kJ/m ²	53448	18		



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