

# MATERIAL DATA SHEET

## CFRTPC PA G-Preg (PA/GF 60wt%)

### ■ Physical properties

	Test method	Unit	Value
Glass fiber content	-	wt%(vol%)	60 (40)

### ■ Mechanical properties

Property	Sequence Test method	Type	Unit	Value (according to temperature)		
				Room	+80°C	-40°C
Tensile	[0°]n, ISO 527-4/5	Strength	MPa	877.1	403.4	1121.7
		Modulus	GPa	41.6	41.0	44.3
		Elongation	%	2.2	1.0	2.7
3p Bending	[0°]n, DIN EN ISO 14125	Strength	MPa	938.6	323.5	1243.6
		Modulus	GPa	39.4	31.0	34.8
		Elongation	%	2.5	1.2	3.0
Compressive	[0°]n, DIN EN ISO 14126	Strength	MPa	654.9	259.6	1132.5
		Modulus	GPa	40.1	38.3	48.8
		Elongation	%	1.6	0.7	2.2
ILSS	[0°]n, DIN EN ISO 14130	Strength	MPa	30.1	15.8	43.2

### Contact

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It is intended as a reference to material characteristics and does not reflect statistical manufacturing capability.