

OVERVIEW TECHNICAL DATA

EVOCERA

Property	Unit	Value
Density	g/cm ³	5,9
Flexural strength σ_e (yield stress)	MPa	400
Flexural strength σ_m	MPa	600
Weibull modulus	/	50
Compressive strength	MPa	3000
Young's modulus	GPa	218
Plastic deformation	%	0,8
Poisson's ratio	/	0,35
Hardness	HV0,5	1047
CTE (60-500°C)	10 ⁻⁶ /K	11,1
Specific heat capacity (RT)	J/(g*K)	0,46
Specific heat capacity (170°C)	J/(g*K)	0,52
Thermal conductivity (RT)	W/(m*K)	3,55
Thermal conductivity (170°C)	W/(m*K)	3,48

These properties were measured on test samples. The values are typical material properties and may vary according to product configuration, geometry and manufacturing process. Issue 03-2020.