

TECHNICAL DATA SHEET

Enpact® 110 G20

PC 20% glass fiber reinforced. Stabilized to UV and for the injection of technical parts. Recommended for applications that request better performance in: Hardness, Flexural and Tensile Strength, Dimensional Stability and Thermal Deflection Temperature

Properties	Test method	Unit	Value
Density	ISO R-1183	g/cm ³	1,33
Waterabsorption	-	%	0,13
Tensile strength at break	ISO R-527	MPa / (kg/cm ²)	100 / (1000)
Tensile modulus	ISO R-527	MPa / (kg/cm ²)	5700 / (58000)
Elongation at break	ISO R-527	%	4
Flexural strength	ISO 178	MPa / (kg/cm ²)	140 / (1400)
Flexural modulus	ISO 178	MPa / (kg/cm ²)	5700 / (58000)
Izod Impact (3.2 mm / Notched)	-	J/m (kg.cm/cm)	135 (14)
Heat Deflection Temperature	ISO 75	°C	139
Coefficiente Linear de Dilatação Térmica	-	X 10 ⁻⁵ cm/cm/°C	2,5