

Infino XP-2140 C

PPS/GF with 40% GF reinforcement that is applied to automobile parts etc.

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,66
	Melt Flow Index	316°C , 5kg	ISO 1133	g/10min	83
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	180
	Tensile Strain at Break	50mm/min	ISO 527	%	2,7
	Tensile Modulus	50mm/min	ISO 527	MPa	11400
	Tensile Strength at Break	50mm/min	ISO 527	MPa	180
	Flexural Strength	2mm/min	ISO 178	MPa	260
	Flexural Modulus	2mm/min	ISO 178	MPa	13400
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	11
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	13
	Rockwell Hardness	R-scale	ISO 2039-2	-	121
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	267
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	283
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	272
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	283

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing



terms or processing procedures an obligation cannot be derived from it.

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