

PLASTRON® LFT PA9T-GF50-01(L9)

PA9T-GF50

Polyplastics

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Strength	245 / 220	MPa	ISO 527
Flexural modulus, 23°C	16000 / 15500	MPa	ISO 178
Flexural strength	370 / 330	MPa	ISO 178
Charpy notched impact strength, +23°C	40 / 32	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	295 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1580 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120 - 140	°C	-
Pre-drying - Time	5 - 24	h	-
Mold temperature	140 - 160	°C	-
Zone 1	290 - 320	°C	-
Zone 2	300 - 330	°C	-
Zone 3	310 - 340	°C	-
Nozzle temperature	310 - 340	°C	-
Screw speed	40 - 60	rpm	-
Back pressure	1 - 5	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Features

Long fiber reinforced