

PLASTRON® LFT PA6-GF50-01(L9)

PA6-GF50

Polyplastics

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Strength	280 / 210	MPa	ISO 527
Flexural modulus, 23°C	15500 / 11500	MPa	ISO 178
Flexural strength	430 / 320	MPa	ISO 178
Charpy notched impact strength, +23°C	50 / 50	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	220 / *	°C	ISO 75-1/-2

Other properties	dry / cond	Unit	Test Standard
Density	1570 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	5 - 10	h	-
Mold temperature	80 - 100	°C	-
Zone 1	240 - 270	°C	-
Zone 2	250 - 280	°C	-
Zone 3	250 - 280	°C	-
Nozzle temperature	240 - 280	°C	-
Screw speed	40 - 60	rpm	-
Back pressure	1 - 5	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Features

Long fiber reinforced