

Properties**PA9T-GF50-01**

Long glass fiber-reinforced Aromatic PA resin (GF50%)

Properties	Test methods	Test conditions	Units	Dry	0.5% moist.
Tensile strength	ISO 527	-	MPa	245	220
Flexural strength	ISO 178	-	MPa	370	330
Flexural modulus	ISO 178	-	MPa	16,000	15,500
Notched Charpy impact strength	ISO 179/1eA	23 deg C	kJ/m2	40	32
Deflection temperature under load	ISO 75	1.80MPa	deg C	295	-
Density	ISO 1183	-	g/cm3	1.58	-

Note

•Values are typical, not quality assured.

Typical settings for processing

Preliminary drying	Barrel temperature(deg C)				Screw rotation (rpm)	Back pressure (MPa)	Mold temperature (deg C)
	Nozzle	Front	Middle	Back			
3-5hrs 120deg C	310-330	320-330	320-330	310-330	40-60	5-10	130-150